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ERRATA.

HOLMES SAFETY AWARDS.

In addition to the Holmes Safety Award mentioned on Page 115 as having been made to the Valier Coal Company, the coal industry of Illinois has been honored by a similar award to Mine No. 1 of the Bell & Zoller Coal & Mining Company, of Zeigler.

The award reads in part as follows:

"For having operated from December 5, 1930 to December 7, 1934, without an underground fatality and in that time produced 3,084,565 tons of coal in 3,154,605 man-hours of work."

This is a well deserved tribute to an organization which has been among the leaders in the industry in Illinois in teaching and practicing the doctrine of safety. The Department heartily congratulates the officers and men of Bell & Zoller.

In addition, an individual safety award of the Holmes Safety Association was made to Thomas Howard, face boss at No. 2 mine of the Bell & Zoller Coal & Mining Company at Zeigler, who has worked for more than fifty years without having suffered an injury of any sort that would cause him to lose time from his duties. Congratulations, Mr. Howard.

Table 3—Page 283—Omit fatal accident for Terry & Lewis Sand & Gravel Co., and in total.

Table 8—Page 287—Omit fatal accident in Henderson County and in total.

Table 11—Page 289—Omit fatal accident in Limestone and reduce total to one.

FIFTY-THIRD

Coal Report of Illinois

1934

HENRY HORNER,
Governor

DEPARTMENT OF MINES AND MINERALS



JAMES McSHERRY, Director
Springfield

ENOCH MARTIN, Assistant Director
Springfield

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HON. HENRY HORNER
Governor

LETTER OF TRANSMITTAL.

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS,
SPRINGFIELD, ILL., July 1, 1935.

To His Excellency, Henry Horner, Governor, State of Illinois, Springfield.

SIR: I have the honor to submit herewith the Fifty-third Annual Coal Report of the State of Illinois for the year ending December 31, 1934, with which are also included the reports of all other divisions of the Department of Mines and Minerals.

Respectfully submitted,

JAMES MCSHERRY, *Director.*

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H. V. BOWMAN, Danville, Illinois.
F. W. HECKENKAMP, Quincy, Illinois.
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Illinois.
JOHN E. JONES, care Old Ben Coal Corporation, Benton, Illinois.
JAMES F. McELWEE, SR., Pere Marquette Hotel, Peoria, Illinois.
HENRY VAUGHN, Harrisburg, Illinois.
THOMAS GAFFIGAN, 901 N. Seventh Street, Springfield, Illinois.

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Second District—Marshall, McLean, Peoria, Stark, Tazewell and Woodford Counties.

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Third District—Adams, Brown, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Schuyler and Warren Counties.

F. M. GUTHRIE, *Inspector*, 347 E. Fulton St., Farmington.

Fourth District—Cass, Christian, Logan, Menard, Morgan, Pike, Sangamon and Scott Counties.

HARRY ROBERTS, *Inspector*, Edinburg.

Fifth District—Champaign, Coles, DeWitt, Douglas, Edgar, Ford, Iroquois, Macon, Moultrie, Piatt and Vermilion Counties.

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JOSEPH FIRTH, JR., *Inspector*, Benld.

Seventh District—Bond, Clark, Clay, Crawford, Cumberland, Effingham, Fayette, Jasper, Lawrence, Madison, Marion and Richland Counties.

T. ALVIN SCULLY, *Inspector*, Troy.

Eighth District—Clinton, Monroe and St. Clair Counties.

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Ninth District—Jackson, Perry, Randolph and Washington Counties.

LEONARD FORESTER, *Inspector*, Percy.

Tenth District—Franklin and Jefferson Counties.

WILLIAM J. JOHNSON, *Inspector*, 403 S. Thomas St., Christopher.

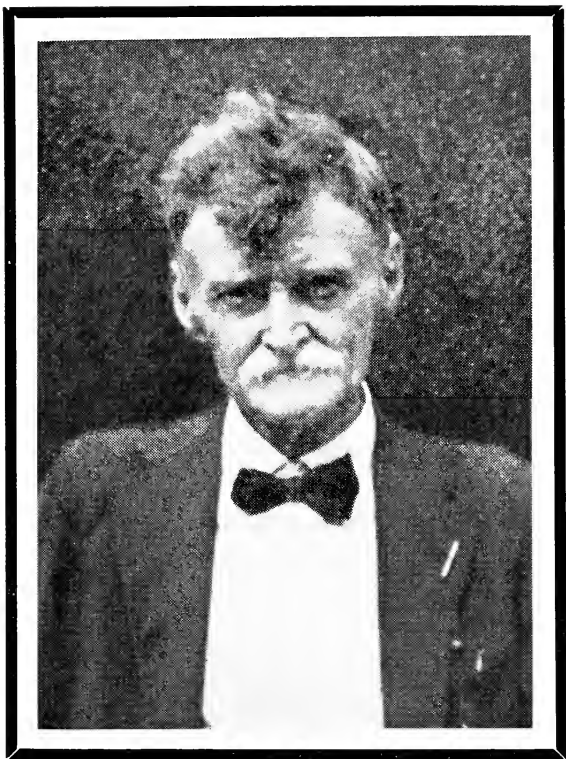
Eleventh District—Edwards, Gallatin, Hamilton, Hardin, Pope, Saline, Wabash, Wayne and White Counties.

LOREN A. BELT, *Inspector*, 117 S. Mill St., Harrisburg.

Twelfth District—Alexander, Johnson, Massac, Pulaski, Union and Williamson Counties.

FRED SCHOONOVER, *Inspector*, Route No. 1, Carterville.

In Memoriam



1861—WILLIAM PRESTON ASA—1934

A half century of public service, thirty years of which was spent as Chief Clerk and Statistician of the State Department of Mines and Minerals, was the record of William Preston Asa, loyal, capable, honest co-worker, whose host of friends mourn his death, which occurred August 22, 1934. Thirty annual Coal Reports, similar to this containing a tribute to Mr. Asa, were published under his supervision.

Born November 14, 1861, in Union County, Illinois, Mr. Asa moved to Franklin County when a young man, teaching school for sixteen years. He was one of the first teachers in the County to command a salary of forty dollars per month, considered unusually high in those early days for a teacher. In 1896 he was elected County Clerk of Franklin County to fill an unexpired term and was re-elected in 1898 for four years. In 1902 he was Franklin County's nominee for the General Assembly, but failed to receive the nomination in Convention. Governor Richard Yates appointed Mr. Asa to his first State position, in the Department of Labor Statistics, in 1904. Later, with the establishment of the Department of Mines and Minerals as a separate Code Department, Mr. Asa served as Department Chief Clerk, Statistician and Chief Clerk of the State Mining Board. These positions he held until his death.

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FIFTY-THIRD ANNUAL COAL REPORT.

INTRODUCTION.

Herewith is presented the fifty-third annual report of the coal industry of Illinois, together with reports of all other industries which come under the supervision of the Department of Mines and Minerals.

In many respects production figures for 1934 compare quite favorably with those of the four previous years, and wherever possible comparative tables have been compiled for study.

Fortunately the coal industry in Illinois has gone through the second successive year without a major disaster; and while there was an increase in 1934 in the number of fatalities and compensable non-fatal accidents in coal mines, there seems to be an awakening interest among coal miners and coal operators in the matter of safety, as evidenced by the increase in the number of men in the industry who were trained in first aid and mine rescue work at our Illinois mine rescue stations, and the Department takes this opportunity to compliment operators and miners alike for their cooperation in an effort to improve the accident record of the industry.

The following table is a comparison with 1933 of mines operated and tonnage produced.

TABLE A—MINES AND PRODUCTION.

Mines.	1933		1934		Increase (+); Decrease (—).		Percent of— Increase (+); Decrease (—).	
	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Mines.	Tons.
Shipping.....	159	35,390,677	172	38,655,527	+13	+3,264,850	+8.2	+9.2
Local.....	1,107	2,929,448	1,175	3,068,551	+68	+139,103	+6.1	+4.7
Total.....	1,266	38,320,125	1,347	41,724,078	+81	+3,403,953	+6.4	+8.9

Table B, below, is a comparison with 1933 of working time, from which it will be seen that shipping mines in Illinois operated an average of sixteen days more than in 1933, a gain of 12.2 for the year 1934.

TABLE B—WORKING TIME.

Mines.	Average days worked.			
	1933	1934	Increase (+); Decrease (—).	Percent of— Increase (+); Decrease (—).
Shipping.....	131	147	+16	+12.2
Local.....	118	118	—	—
Total.....	119	122	+3	+2.5

From Table C, below, it will be seen that there was a gain of 283 in the number of men employed in shipping mines and a gain of 752 in the number of men employed in local mines, or a total gain of 1,035 men employed in the coal industry in 1934 as compared with 1933.

TABLE C—EMPLOYEES.

Mines.	Number employed.		Gain (+); Loss (—).	Percent of— Gain (+); Loss (—).
	1933	1934		
Shipping.....	40,660	40,943	+283	+0.7
Local.....	7,804	8,556	+752	+9.6
Total.....	48,464	49,499	+1,035	+2.1

MINES WHERE EMPLOYEES DIVIDED WORKING TIME.

Name of operator.	Employees.	
	Working.	On payroll.
Canton Coal Co.....	153	284
Carterville Mining & Engineering Co.....	13	16
Consolidated Coal Co. of St. Louis, No. 7.....	330	413
Consolidated Coal Co. of St. Louis, No. 15.....	399	565
Coulterville Coal Co.....	133	187
Franco Mining Corp.....	265	300
Franklin County Coal Co., Inc., No. 5.....	568	571
Franklin County Coal Co., Inc., No. 7.....	451	551
Gillespie Coal Co.....	185	218
Hillsboro Coal Co.....	164	231
Illmo Coal Co.....	31	35
Indiana & Illinois Coal Corp., No. 10.....	364	565
The Livingston & Mt. Olive Coal Co., No. 1.....	217	349
Lumaghi Coal Co., No. 2.....	279	366
Marion County Coal Co.....	249	253
Midland Electric Coal Corp., No. 1.....	101	120
Mt. Olive & Staunton Coal Co., No. 2.....	367	550
Pana Coal Co., No. 1.....	137	192
Panther Creek Mines, Inc., No. 4.....	412	416
Peabody Coal Co., No. 8.....	515	535
Peabody Coal Co., No. 18.....	466	567
Peabody Coal Co., No. 19.....	545	579
Peabody Coal Co., No. 47.....	767	835
Peabody Coal Co., No. 53.....	319	327
Peabody Coal Co., No. 59.....	347	358
Penwell Coal Mining Co.....	177	301
Perry Coal Co., "Carbon".....	87	111
Perry Coal Co., "St. Ellen".....	190	235
St. Louis Coal Co.....	155	199
Superior Coal Co., No. 1.....	447	565
Superior Coal Co., No. 2.....	472	645
Superior Coal Co., No. 3.....	480	655
Superior Coal Co., No. 4.....	249	339
United States Fuel Co., "Bun".....	1,154	1,581
Winkle Coal Co.....	52	95
1934—35 mines.....	11,240	14,139
1933—28 mines.....	8,129	11,287

MECHANICAL LOADING.

The record of mechanical loading in Illinois coal mines for the past eight years is set forth below:

TABLE D—MECHANICAL LOADING.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1927.....	6	64	1,172,121	15	65	485,737	21	129	1,657,858	8.7	3.7
1928.....	17	177	2,299,720	37	875	4,442,434	54	1,052	6,742,154	23.0	13.5
1929.....	22	603	5,862,615	51	1,525	11,947,753	73	2,128	17,810,368	30.9	33.1
1930.....	31	1,307	13,583,912	38	931	9,666,169	69	2,238	23,250,081	40.0	50.8
1931.....	36	1,504	15,138,330	38	910	7,307,474	74	2,414	22,445,804	49.0	61.4
1932.....	41	1,702	10,899,565	27	578	4,513,091	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1

Table E, below sets forth the statistics compiled by the department on machine mining for the period 1927 to 1934, inclusive.

TABLE E—MACHINE MINING.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
1927.....	100	1,539	20,987,579	51	858	15,454,540	151	2,397	36,442,119	62.7	81.1
1928.....	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929.....	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930.....	90	1,100	29,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931.....	85	1,103	28,190,836	26	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932.....	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	63.0	71.9
1933.....	79	965	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934.....	87	929	27,321,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9

ACCIDENTS.

Comparative statistics of fatal and non-fatal accidents are shown in Table F, below, for the eight-year period 1927-1934.

TABLE F—ACCIDENTS.

Year.	Accidents.		Tons mined to one—		Employees to one—		Man days to one—	
	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.	Fatal.	Non-fatal.
1927.....	106	1,398	442,922	33,583	741	56	88,208	6,688
1928.....	139	5,785	404,396	9,392	471	11	62,209	1,495
1929.....	109	6,621	560,805	9,252	538	9	71,498	1,177
1930.....	112	5,106	482,456	10,580	500	11	61,012	1,338
1931.....	90	3,800	501,696	11,854	595	14	75,565	1,790
1932.....	114	2,643	299,205	12,884	452	19	56,076	2,418
1933.....	71	3,018	539,720	12,697	683	16	81,228	1,911
1934.....	86	3,133	485,164	13,318	576	16	70,220	1,928

SHIPPING MINES NOT OPERATED IN 1934, SHOWING DATE OF LAST
OPERATION.

Name of operator.	Location of mine.		Date last operated.	
	District.	County.	Month.	Year.
Alcoa Ore Co.....	8	St. Clair.....	March.....	1932
Breese Trenton Mining Co.....	8	Clinton.....	December.....	1931
Brewerton Coal Co., No. 92.....	4	Logan.....	February.....	1933
Chicago, Wilmington & Franklin Coal Co., Benton No. 1.....	10	Franklin.....	January.....	1925
Chicago, Wilmington & Franklin Coal Co., Benton No. 2.....	10	Franklin.....	March.....	1923
Chicago, Wilmington & Franklin Coal Co., No. 1.....	4	Sangamon.....	March.....	1924
Consolidated Coal Co., No. 7.....	6	Macoupin.....	February.....	1930
Consolidated Coal Co., No. 8.....	12	Williamson.....	March.....	1924
Consolidated Coal Co., "L. C.".....	12	Williamson.....	December.....	1928
Cosgrove Meehan Coal Co., No. 2.....	12	Williamson.....	March.....	1929
Cosgrove Meehan Coal Co., No. 3.....	12	Williamson.....	February.....	1933
Cosgrove Meehan Coal Co., No. 5.....	6	Montgomery.....	March.....	1933
Henrietta Coal Co., "H. T.".....	7	Madison.....	July.....	1931
Illinois Coal Corp., No. 10.....	10	Jefferson.....	December.....	1927
Illinois Saline Coal Co.....	11	Gallatin.....	December.....	1930
Indiana & Illinois Coal Corp., No. 12.....	6	Montgomery.....	February.....	1925
Indiana & Illinois Coal Corp., No. 14.....	6	Montgomery.....	June.....	1921
Jackson Coal Co.....	9	Jackson.....	April.....	1924
Little Muddy Coal Co.....	9	Jackson.....	July.....	1933
Lovington Coal Mining Co.....	5	Moultrie.....	May.....	1924
Lumazhi Coal Co., No. 3.....	7	Madison.....	March.....	1927
Madison Coal Corp., No. 2.....	7	Madison.....	February.....	1931
Madison Coal Corp., No. 6.....	4	Sangamon.....	March.....	1924
Madison Coal Corp., No. 12.....	12	Williamson.....	March.....	1931
Old Ben Coal Corp., No. 9.....	10	Franklin.....	December.....	1927
Old Ben Coal Corp., No. 10.....	10	Franklin.....	January.....	1925
Old Ben Coal Corp., No. 11.....	10	Franklin.....	January.....	1931
Old Ben Coal Corp., No. 12.....	10	Franklin.....	March.....	1929
Old Ben Coal Corp., No. 16.....	10	Franklin.....	November.....	1923
Old Ben Coal Corp., No. 19.....	10	Franklin.....	March.....	1923
Old Ben Coal Corp., No. 20.....	12	Williamson.....	March.....	1927
Pana Coal Co., No. 2.....	4	Christian.....	December.....	1928
Panther Creek Mines, Inc., No. 1.....	4	Sangamon.....	December.....	1932
Panther Creek Mines, Inc., No. 3.....	4	Sangamon.....	February.....	1931
Peabody Coal Co., No. 6.....	4	Sangamon.....	March.....	1927
Peabody Coal Co., No. 21.....	4	Christian.....	April.....	1924
Peabody Coal Co., No. 42.....	11	Saline.....	May.....	1925
Peabody Coal Co., No. 43.....	11	Saline.....	October.....	1933
Peabody Coal Co., No. 44.....	11	Saline.....	June.....	1923
Peabody Coal Co., No. 46.....	11	Saline.....	April.....	1923
Peabody Coal Co., No. 52.....	4	Sangamon.....	March.....	1932
Peabody Coal Co., No. 54.....	4	Sangamon.....	February.....	1926
Peabody Coal Co., No. 55.....	4	Sangamon.....	March.....	1930
Perry Coal Co., "Taylor".....	8	St. Clair.....	January.....	1932
Sahara Coal Co., No. 8.....	11	Saline.....	March.....	1927
Sahara Coal Co., No. 15.....	11	Saline.....	December.....	1927
Skaggs Coal Co.....	12	Williamson.....	January.....	1931
Southern Coal, Coke & Mining Co., No. 8.....	8	St. Clair.....	April.....	1928
Standard Oil Co., No. 1.....	6	Macoupin.....	November.....	1923
Standard Oil Co., No. 2.....	6	Macoupin.....	January.....	1925
Summit Coal Co.....	8	St. Clair.....	December.....	1933
United States Fuel Co., "M. F.".....	10	Franklin.....	July.....	1924
United States Fuel Co., "Verm".....	5	Vermilion.....	March.....	1932
Wasson Coal Co., No. 2.....	11	Saline.....	January.....	1932

SHIPPING MINES NOT OPERATED IN 1934. SUMMARY BY COUNTIES.

Christian.....	2	Jefferson.....	1	Moultrie.....	1
Clinton.....	1	Logan.....	1	St. Clair.....	4
Franklin.....	9	Macoupin.....	3	Saline.....	7
Gallatin.....	1	Madison.....	3	Sangamon.....	8
Jackson.....	2	Montgomery.....	3	Vermilion.....	1
				Williamson.....	7

COMPARATIVE ANNUAL PRODUCTION FIGURES 1934 AND FOUR PREVIOUS YEARS.

	1934	1933	1932	1931	1930
Illinois.....	41,724,078	38,320,125	34,120,786	45,152,623	54,035,116
Indiana.....	a14,820,000	a13,500,000	a12,400,000	14,295,165	16,489,962
Kentucky.....	a38,068,000	a35,530,000	a35,610,000	40,238,803	51,208,905
Pennsylvania.....	a89,223,000	a79,770,000	a76,028,000	97,658,698	123,417,850
West Virginia.....	a98,190,000	a90,770,000	a83,765,000	101,473,172	122,473,172

(a) Estimated by U. S. Bureau of Mines.

DIRECTORY OF

No.	Name of operator and mine.	Location of mine.		
		District.	County.	Post office.
1	Bailey Bros.	9	Perry	DuQuoin
2	Beaucoup Coal Co.	9	Perry	Pinckneyville
3	Beckemeyer Coal Co.	8	Clinton	Beckemeyer
4	Bell & Zoller Coal Co., No. 1	10	Franklin	Zeigler
5	Bell & Zoller Coal Co., No. 2	10	Franklin	Zeigler
6	Biby Coal Co.	9	Perry	Pinckneyville
7	Blakley Coal Co.	3	Fulton	Canton
8	Blue Bird Coal Co.	11	Saline	Carrier Mills
9	Blue Hill Coal Co.	12	Williamson	Marion
10	Bois Coal Co.	9	Washington	Dubois
11	Brewerton Coal Co., No. 22	10	Franklin	Sesser
12	Briar Hill Coal Mining Co., No. 45	9	Perry	Pinckneyville
13	Buffalo Rock Coal Co.	1	LaSalle	Ottawa
14	Bullock Mining Co.	7	Madison	Collinsville
15	Canton Coal Co.	3	Fulton	Canton
16	Carbon Fuel Co.	12	Williamson	Marion
17	Carterville Mining & Engineering Co.	12	Williamson	Cambria
18	Carterville Peacock Coal Co., No. 2	12	Williamson	Harrisburg
19	Central Illinois Coal Mining Co., "A"	4	Sangamon	Springfield
20	Centralia Coal Co., No. 5	9	Washington	Centralia
21	Chicago, Wilmington & Franklin Coal Co., No. 1	10	Franklin	Orient
22	Chicago, Wilmington & Franklin Coal Co., No. 2	10	Franklin	West Frankfort
23	Chicopee Coal Co., No. 1	7	Madison	Troy
24	Citizens Coal Co., "E"	8	Clinton	Breeze
25	City Lake Coal Co.	12	Williamson	Herrin
26	Clarkson Coal & Mining Co.	9	Washington	Nashville
27	Coal Stripping Co., No. 1	9	Perry	Pinckneyville
28	Coal Stripping Co., No. 2	5	Vermilion	Danville
29	Conant Coal Co.	9	Perry	Conant
30	Consolidated Coal Co. of St. Louis, No. 7	12	Williamson	Herrin
31	Consolidated Coal Co. of St. Louis, No. 15	6	Macoupin	Mt. Olive
32	Consumers Coal & Materials Co.	12	Williamson	Marion
33	Coulterville Coal Co.	9	Perry	Coulterville
34	Crerar-Clinch Coal Co., No. 14	9	Perry	DuQuoin
35	Crerar-Clinch Coal Co., No. 15	9	Perry	DuQuoin
36	Crescent Mining Co., No. 1	2	Peoria	Peoria
37	Crescent Mining Co., No. 6	2	Peoria	Peoria
38	Cutler Coal Co., Inc.	9	Perry	Cutler
39	Dorthel Coal Co., No. 1	2	Peoria	Hanna City
40	Dorthel Coal Co., No. 2	3	Fulton	Farmington
41	Dorthel Coal Co., No. 3	3	Fulton	Farmington
42	Eldnar Coal Co.	8	St. Clair	Belleville
43	Erie Sootless Coal Co.	6	Shelby	Moweaqua
44	Forsyth Carterville Coal Co.	12	Williamson	Carterville
45	Franco Mining Corp.	12	Williamson	Johnston City
46	Franklin County Coal Co., Inc., No. 5	10	Franklin	Herrin
47	Franklin County Coal Co., Inc., No. 7	10	Franklin	Royalton
48	Franklin Mining Co.	10	Franklin	Benton
49	Freeburg Coal Co.	8	St. Clair	Freeburg
50	Freeman Coal Mining Co.	12	Williamson	Herrin
51	Galesburg Mining Co., No. 1	3	Knox	Galesburg
52	Gill Coal Corp.	8	St. Clair	Marissa
53	Gillespie Coal Co.	6	Macoupin	Gillespie
54	Glenwood Mining Co., No. 3	2	Peoria	Edwards
55	Golden Rule Coal Co.	8	St. Clair	Lenzburg
56	Golden Rule Coal Co.	3	Fulton	Middle Grove
57	Groom Coal Co.	8	St. Clair	Belleville
58	Guest Coal Co.	8	St. Clair	Belleville
59	Gundlach Coal Co.	8	St. Clair	East St. Louis
60	Hillsboro Coal Co.	6	Montgomery	Hillsboro
61	Home Coal Co., No. 8	9	Perry	Willisville
62	Illinois Colliery Co.	3	Fulton	Farmington
63	Illinois-Pocahontas Coal Co.	7	Bond	Pocahontas
64	Illinois Zinc Co., No. 3	1	LaSalle	Peru
65	Ilmo Coal Co.	9	Randolph	Sparta
66	Imperial Coal Co.	9	Perry	Tamara
67	Indiana & Illinois Coal Corp., No. 10	6	Montgomery	Nokomis
68	Jefferson Coal Mining Co., No. 81	4	Sangamon	Springfield
69	Jones Bros. Coal Mining Co., No. 1	8	St. Clair	Marissa

SHIPPING MINES.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Joe Bailey.....	Joe Bailey.....	Joe Bailey.....	Duquoin, Ill.....	1
H. Taylor.....	H. Taylor.....	H. Taylor.....	Pinckneyville, Ill.....	2
H. H. Timmermann.....	..a.....	Pat Scanlan.....	Beckemeyer, Ill.....	3
E. L. Berger.....	Lee Haskins.....	E. J. Hoey.....	307 N. Michigan Ave., Chicago, Ill.....	4
E. L. Berger.....	Dale Carter.....	Jas. Daugherty.....	307 N. Michigan Ave., Chicago, Ill.....	5
Fred A. Bibby.....	Fred A. Bibby.....	Fred A. Bibby.....	Pinckneyville, Ill.....	6
Wm. Blakely.....	..a.....	Joe Frankovich.....	R. F. D. No. 4, Canton, Ill.....	7
T. H. Cochran.....	A. M. Chamness.....	H. H. Borders.....	Carrier Mills, Ill.....	8
W. P. Hill.....	A. Sandner.....	Sidney Jenkins.....	Marion, Ill.....	9
J. W. Schwind.....	..a.....	C. E. Mathis.....	Dubois, Ill.....	10
..a.....	Ed Curtis.....	Richard Mitchell.....	Sesser, Ill.....	11
..a.....	H. E. Willson.....	Jno. Hoagland.....	Pinckneyville, Ill.....	12
B. H. Schull.....	J. M. Hamm.....	J. M. Hamm.....	230 N. Michigan Ave., Chicago, Ill.....	13
..a.....	John Reese.....	Arthur Ohl.....	Collinsville, Ill.....	14
S. A. Drake.....	Geo. Martin.....	Thos. Moorcroft.....	20 W. Elm St., Canton, Ill.....	15
Geo. A. Wallace.....	Roland Wilson.....	Roland Wilson.....	Marion, Ill.....	16
M. L. DeRoque.....	M. L. DeRoque.....	..a.....	Carbondale, Ill.....	17
..a.....	..a.....	Geo. Crenshaw.....	Harrisburg, Ill.....	18
..a.....	P. J. Dooner.....	John Keirs.....	P. O. Box 396, Springfield, Ill.....	19
R. J. Oldham.....	D. R. Schooler.....	H. A. Berger.....	307 N. Michigan Ave., Chicago, Ill.....	20
H. A. Treadwell.....	John Rodenbush.....	James Eadie.....	332 S. Michigan Ave., Chicago, Ill.....	21
H. A. Treadwell.....	John R. Foster.....	John O'Rourke.....	332 S. Michigan Ave., Chicago, Ill.....	22
J. W. Cullen.....	J. W. Cullen.....	W. T. Scully.....	Troy, Ill.....	23
Frank B. Nieman.....	..a.....	Henry Knies.....	Breese, Ill.....	24
Frank Butcher.....	Frank Butcher.....	Frank Butcher.....	Fullerton Bldg., St. Louis, Mo.....	25
J. L. Clarkson.....	Sam Day.....	J. L. Clarkson.....	Nashville, Ill.....	26
C. W. Woosley.....	Roy Hartwell.....	Roy Hartwell.....	230 N. Michigan Ave., Chicago, Ill.....	27
A. E. Steiger.....	Mark Lunn.....	..a.....	P. O. Box 713, Danville, Ill.....	28
F. Howard.....	F. Howard.....	F. Howard.....	Conant, Ill.....	29
G. S. Jenkins.....	..a.....	Robert Bowie.....	Railway Exchange Bldg., St. Louis, Mo.....	30
B. F. Meyer.....	..a.....	J. D. Neal.....	2069 Railway Exchange Bldg., St. Louis, Mo.....	31
..a.....	..a.....	Algie Biggerstaff.....	Marion, Ill.....	32
J. M. Varner.....	J. M. Varner.....	Chas. McManus.....	Box B, Coulterville, Ill.....	33
E. S. Mayor.....	E. S. Mayor.....	E. B. Dangerfield.....	20 N. Wacker Dr., Chicago, Ill.....	34
E. S. Mayor.....	E. S. Mayor.....	D. C. Harris.....	20 N. Wacker Dr., Chicago, Ill.....	35
W. P. Young.....	W. P. Young.....	Harry Wilkinson.....	307 N. Michigan Ave., Chicago, Ill.....	36
W. P. Young.....	W. P. Young.....	Charles Carson.....	307 N. Michigan Ave., Chicago, Ill.....	37
..a.....	..a.....	W. E. Cox.....	Cutler, Ill.....	38
R. K. Ronk.....	R. K. Ronk.....	David Jones.....	8 S. Michigan Ave., Chicago, Ill.....	39
R. K. Ronk.....	Robt. Taggart.....	Joe Worthington.....	8 S. Michigan Ave., Chicago, Ill.....	40
R. K. Ronk.....	Robt. Taggart.....	Thos. Morrow.....	8 S. Michigan Ave., Chicago, Ill.....	41
E. Randle.....	E. Randle.....	E. Randle.....	801 E. B St., Belleville, Ill.....	42
J. F. Hickman.....	J. F. Hickman.....	J. F. Hickman.....	Moweaqua, Ill.....	43
..a.....	Milo McCown.....	Walter Forsyth.....	807 Fullerton Bldg., St. Louis, Mo.....	44
O. D. McDaniel.....	O. D. McDaniel.....	Wm. Cowell.....	310 S. Michigan Ave., Chicago, Ill.....	45
..a.....	John White.....	James Sneddon.....	135 S. LaSalle St., Chicago, Ill.....	46
..a.....	John White.....	Ed O'Neil.....	135 S. LaSalle St., Chicago, Ill.....	47
..a.....	B. B. Seymour.....	Sam Fritts.....	Benton, Ill.....	48
Alex Adams.....	Alex Adams.....	Alex Adams.....	Freeburg, Ill.....	49
F. H. Seymour.....	F. H. Seymour.....	W. H. Flynn.....	2051 McCormick Bldg., Chicago, Ill.....	50
J. W. Fairbairn.....	J. W. Fairbairn.....	Geo. Grindle.....	118 E. Main St., Galesburg, Ill.....	51
F. K. Gill.....	..a.....	F. K. Gill.....	Marissa, Ill.....	52
D. W. Greene.....	D. W. Greene.....	Nat Farnsworth.....	St. Louis, Mo.....	53
R. M. Eyster.....	R. M. Eyster.....	T. F. Dickinson.....	Edwards, Ill.....	54
..a.....	..a.....	Jos. A. Prediger.....	Lenzburg, Ill.....	55
..a.....	L. L. Foster.....	L. L. Foster.....	Middle Grove, Ill.....	56
Robert Groom.....	Robert Groom.....	Oscar Peterson.....	1096 W. Main St., Freeburg, Ill.....	57
Stephen Guest.....	James Guest.....	George Cadman.....	4600 W. Main St., Belleville, Ill.....	58
O. E. Schaefer.....	..a.....	Joe Johnson.....	Edgemont Sta., E. St. Louis, Ill.....	59
Rice W. Miller.....	Jas. Welsh.....	Frank Huml.....	Hillsboro, Ill.....	60
..a.....	C. W. Peeples.....	C. W. Peeples.....	Willisville, Ill.....	61
John Balagna.....	John Balagna.....	Henry Whited.....	Farmington, Ill.....	62
..a.....	Geo. E. Adamson.....	Geo. Adamson.....	St. Louis, Mo.....	63
C. A. Joachim.....	..a.....	William Lindsay.....	332 S. Michigan Ave., Chicago, Ill.....	64
H. W. Bradbury.....	..a.....	..a.....	Sparta, Ill.....	65
Martin Prenwood.....	..a.....	Chas. Killingworth.....	Tamaroa, Ill.....	66
J. J. Fries.....	J. J. Fries.....	J. J. Fries.....	369 W. Jackson Blvd., Chicago, Ill.....	67
J. B. Archibald.....	..a.....	W. E. Mason.....	Springfield, Ill.....	68
Chas. Jones.....	Wm. Jones.....	Wm. Jones.....	Marissa, Ill.....	69

No	Name of operator and mine.	Location of mine.		
		Dis- trict.	County.	Post office.
70	Jones Bros. Coal Mining Co., No. 2.....	9	Randolph.....	Marissa.....
71	Lake Erie Mining Co.....	2	Tazewell.....	Peoria.....
72	Lenzburg Coal Co.....	8	St. Clair.....	Lenzburg.....
73	Living & Smith.....	3	Fulton.....	Canton.....
74	Livingston-Mt. Olive Coal Co., No. 1.....	7	Madison.....	Livingston.....
75	Lumaghi Coal Co., No. 2.....	7	Madison.....	Collinsville.....
76	Macon County Coal Co.....	5	Macon.....	Decatur.....
77	Madison County Coal & Mining Co.....	7	Madison.....	Edwardsville.....
78	Marion County Coal Co.....	7	Marion.....	Centralia.....
79	Midland Electric Coal Corp., No. 1.....	1	Henry.....	Atkinson.....
80	Midland Electric Coal Corp., No. 2.....	3	Fulton.....	Farmington.....
81	Mine B Coal Co.....	4	Sangamon.....	Springfield.....
82	Moffat Coal Co.....	9	Randolph.....	Sparta.....
83	Mt. Olive Coal Co.....	6	Macoupin.....	Mt. Olive.....
84	Mt. Olive & Staunton Coal Co., No. 2.....	7	Madison.....	Staunton.....
85	Mulberry Hill Coal Co.....	8	St. Clair.....	Freeburg.....
86	New Watson Coal Co., No. 1.....	12	Williamson.....	Herrin.....
87	Norris City Coal Co.....	11	White.....	Norris City.....
88	Northern Illinois Coal Corp., No. 10.....	1	Will.....	Wilmington.....
89	Oakwood Coal Co.....	5	Vermilion.....	Oakwood.....
90	Odin Coal Co.....	7	Marion.....	Odin.....
91	O. K. Coal Co.....	8	St. Clair.....	Marissa.....
92	Old Ben Coal Corp., No. 8.....	10	Franklin.....	West Frankfort.....
93	Old Ben Coal Corp., No. 14.....	10	Franklin.....	Buckner.....
94	Old Ben Coal Corp., No. 15.....	10	Franklin.....	Ezra.....
95	Old Ben Coal Corp., No. 18.....	12	Williamson.....	Johnston City.....
96	Pana Coal Co., No. 1.....	4	Christian.....	Pana.....
97	Panther Creek Mines, Inc., No. 4.....	4	Sangamon.....	Springfield.....
98	Panther Creek Mines, Inc., No. 5.....	4	Sangamon.....	Springfield.....
99	Peabody Coal Co., No. 7.....	4	Christian.....	Kincaid.....
100	Peabody Coal Co., No. 8.....	4	Christian.....	Tovey.....
101	Peabody Coal Co., No. 9.....	4	Christian.....	Taylorville.....
102	Peabody Coal Co., No. 18.....	10	Franklin.....	West Frankfort.....
103	Peabody Coal Co., No. 19.....	10	Franklin.....	West Frankfort.....
104	Peabody Coal Co., No. 24.....	5	Vermilion.....	Danville.....
105	Peabody Coal Co., No. 47.....	11	Saline.....	Harco.....
106	Peabody Coal Co., No. 51.....	4	Sangamon.....	Springfield.....
107	Peabody Coal Co., No. 53.....	4	Sangamon.....	Springfield.....
108	Peabody Coal Co., No. 57.....	4	Sangamon.....	Springfield.....
109	Peabody Coal Co., No. 58.....	4	Christian.....	Taylorville.....
110	Peabody Coal Co., No. 59.....	4	Sangamon.....	Springfield.....
111	Peacock Coal Co.....	9	Jackson.....	Hurst.....
112	Penwell Coal Mining Co.....	4	Christian.....	Pana.....
113	Perfection Coal Co.....	9	Perry.....	DuQuoin.....
114	Perry Coal Co., "Carbon".....	8	St. Clair.....	O'Fallon.....
115	Perry Coal Co., "St. Ellen".....	8	St. Clair.....	O'Fallon.....
116	Prairie Coal Co.....	8	St. Clair.....	Belleville.....
117	Prairie State Coal Co.....	1	Putnam.....	Granville.....
118	Pschirrer & Sons Coal Co.....	3	Fulton.....	Canton.....
119	Puritan Coal Co.....	12	Williamson.....	Johnston City.....
120	Pyramid Coal Corp.....	9	Perry.....	Pinckneyville.....
121	Quality Coal & Mining Co.....	8	St. Clair.....	Belleville.....
122	Radford Coal Co., M. H.....	12	Williamson.....	Marion.....
123	Reed Coal Co., E. A.....	3	Fulton.....	Canton.....
124	Rentchler Coal & Mining Co.....	8	St. Clair.....	Belleville.....
125	Rex Coal Co., No. 2.....	11	Saline.....	Eldorado.....
126	Ring Coal Co., No. 1.....	9	Perry.....	Cutler.....
127	Roanoke Coal & Tile Co.....	2	Woodford.....	Roanoke.....
128	Rodney Coal Co.....	12	Williamson.....	Herrin.....
129	Sahara Coal Co., No. 1.....	11	Saline.....	Harrisburg.....
130	Sahara Coal Co., No. 3.....	11	Saline.....	Harrisburg.....
131	Sahara Coal Co., No. 10.....	11	Saline.....	Eldorado.....
132	Sahara Coal Co., No. 12.....	11	Saline.....	Harrisburg.....
133	St. Louis Coal Co.....	9	Randolph.....	Coulterville.....
134	St. Louis & O'Fallon Coal Co., No. 2.....	8	St. Clair.....	East St. Louis.....
135	Sangamon Coal Co., No. 2.....	4	Sangamon.....	Springfield.....
136	Service Coal Co.....	8	St. Clair.....	Belleville.....
137	Seymour Coal Co.....	12	Williamson.....	Herrin.....
138	Shuler Coal Mining Co.....	1	Henry.....	Alpha.....
139	Southern Coal, Coke & Mining Co., No. 7.....	8	St. Clair.....	Belleville.....
140	Southern Coal, Coke & Mining Co., No. 9.....	8	Clinton.....	New Baden.....

SHIPPING MINES—Continued.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Chas. Jones.....	Wm. Jones.....	Vaughn J. Jones.....	Marissa, Ill.....	70
W. C. Gill.....	W. C. Gill.....	Ed Schuster.....	Box 33, Peoria, Ill.....	71
..a.....	D. N. Schilling.....	D. N. Schilling.....	Lenzburg, Ill.....	72
..a.....	..a.....	L. J. Livings.....	1022 E. Republic St., Peoria, Ill.....	73
..a.....	E. E. Vallow.....	Thos. McCullister.....	Livingston, Ill.....	74
..a.....	B. H. Firth.....	William Valine.....	Collinsville, Ill.....	75
D. W. Beggs.....	D. W. Beggs.....	Paul Beggs.....	Decatur, Ill.....	76
John Macke.....	..a.....	Tony Christy.....	Edwardsville, Ill.....	77
John W. Stedelin.....	Grover Wilkinson.....	Grover Wilkinson.....	Centralia, Ill.....	78
K. R. Bixby.....	W. E. Mullins.....	..a.....	Indianapolis, Ind.....	79
K. R. Bixby.....	..a.....	..a.....	Indianapolis, Ind.....	80
O. Falcetti.....	..a.....	John Lawless.....	Springfield, Ill.....	81
Andrew Moffat.....	Andrew Moffat.....	Dick Richardson.....	Sparta, Ill.....	82
..a.....	John Hittmeier.....	..a.....	Mt. Olive, Ill.....	83
D. J. Carroll.....	Sam McGurk.....	Ben Chapman.....	Edwardsville, Ill.....	84
..a.....	..a.....	Fred Germann.....	R. F. D. No. 1, Freeburg, Ill.....	85
..a.....	..a.....	Ed McVey.....	Herrin, Ill.....	86
..a.....	Ed Mallaburn.....	Ed Mallaburn.....	Norris City, Ill.....	87
..a.....	R. S. Weimer.....	J. T. Sykes.....	310 S. Michigan Ave., Chicago, Ill.....	88
Arthur Zamberletti.....	Arthur Zamber- letti.....	W. J. Fenton.....	Oakwood, Ill.....	89
C. H. Morrison.....	..a.....	Pearl Halfacre.....	Odin, Ill.....	90
L. E. Nagel.....	Hy Church.....	..a.....	Marissa, Ill.....	91
Jas. Dunn.....	Jno. Land.....	Ed Goff.....	230 S. Clark St., Chicago, Ill.....	92
Jas. Dunn.....	Jno. Land.....	Howard Lewis.....	230 S. Clark St., Chicago, Ill.....	93
Jas. Dunn.....	Jno. Land.....	Wm. Colman.....	230 S. Clark St., Chicago, Ill.....	94
Jas. Dunn.....	Jno. Land.....	Jno. Cathie.....	230 S. Clark St., Chicago, Ill.....	95
G. A. Shafer.....	S. S. Lewis.....	John J. Simpson.....	Pana, Ill.....	96
H. A. Solomon.....	Jas. Barnes.....	..a.....	Springfield, Ill.....	97
H. A. Solomon.....	..a.....	John Archer.....	Springfield, Ill.....	98
W. C. Argust.....	John W. Abrell.....	Geo. Mosey.....	20 N. Wacker Dr., Chicago, Ill.....	99
W. C. Argust.....	Jas. Lewis.....	Wm. Craggs.....	20 N. Wacker Dr., Chicago, Ill.....	100
W. C. Argust.....	J. W. Starks.....	John Hardy.....	20 N. Wacker Dr., Chicago, Ill.....	101
C. W. McReakin.....	B. Fred Burnett.....	Robt. McPhail.....	20 N. Wacker Dr., Chicago, Ill.....	102
C. W. McReakin.....	W. M. Elders.....	John Coleman.....	20 N. Wacker Dr., Chicago, Ill.....	103
M. F. Peltier.....	John Hope.....	Robert Walker.....	20 N. Wacker Dr., Chicago, Ill.....	104
C. W. McReakin.....	Chas. Barker.....	Jas. E. Vaughn.....	20 N. Wacker Dr., Chicago, Ill.....	105
S. J. Wills.....	P. W. McMurdo.....	Oney Melkush.....	20 N. Wacker Dr., Chicago, Ill.....	106
S. J. Wills.....	P. W. McMurdo.....	Mike Haberle.....	20 N. Wacker Dr., Chicago, Ill.....	107
S. J. Wills.....	G. M. Smith.....	Harry Preval.....	20 N. Wacker Dr., Chicago, Ill.....	108
W. C. Argust.....	Wm. Hardy.....	Glenn Young.....	20 N. Wacker Dr., Chicago, Ill.....	109
S. J. Wills.....	Lewis Waldron.....	John Storey.....	20 N. Wacker Dr., Chicago, Ill.....	110
..a.....	..a.....	Chester Scaggs.....	Johnson City, Ill.....	111
Warren Penwell.....	James Rollo.....	Rich Rollo.....	Pana, Ill.....	112
W. D. Georg.....	W. D. Georg.....	W. D. Georg.....	DuQuoin, Ill.....	113
D. W. Greene.....	Wm. Hartman.....	Wm. Hartman.....	St. Louis, Mo.....	114
D. W. Greene.....	D. W. Greene.....	W. W. Bolt.....	St. Louis, Mo.....	115
Jas. Daniels.....	Wm. Murdock.....	..a.....	Landreth Bldg., St. Louis, Mo.....	116
John R. Cox.....	..a.....	Charles Sulski.....	Granville, Ill.....	117
Chas. Schirrer.....	Chas. Schirrer.....	Geo. Schirrer.....	914 S. Main St., Canton, Ill.....	118
W. E. Grissom.....	W. E. Grissom.....	W. E. Grissom.....	Marion, Ill.....	119
C. W. Woosley.....	Len Hartwell.....	..a.....	230 N. Michigan Ave., Chicago, Ill.....	120
..a.....	..a.....	Peter Grieve.....	Belleville, Illinois.....	121
M. H. Radford.....	..a.....	..a.....	R. F. D. No. 1, Box 155, Marion, Ill.....	122
..a.....	..a.....	H. C. Johnson.....	R. F. D. No. 5, Canton, Ill.....	123
R. U. Harper.....	R. U. Harper.....	R. U. Harper.....	Belleville, Ill.....	124
Geo. Lindsay.....	Geo. Lindsay.....	Vern Gidecumb.....	Chicago, Ill.....	125
Art Rednor.....	..a.....	Art Rednor.....	Steeleville, Ill.....	126
D. L. Negley.....	Carl Klumpp.....	George DeWilde.....	Roanoke, Ill.....	127
Joe Rodney.....	..a.....	Roy Goddard.....	Herrin, Ill.....	128
Paul Halbersleben.....	Wm. Evans.....	J. A. Adams.....	59 E. Van Buren St., Chicago, Ill.....	129
Paul Halbersleben.....	Geo. Eadie.....	Ed Pryor.....	59 E. Van Buren St., Chicago, Ill.....	130
Paul Halbersleben.....	Sam Cape.....	R. A. Bartlett.....	59 E. Van Buren St., Chicago, Ill.....	131
Paul Halbersleben.....	Wm. Evans.....	Marion Wiley.....	59 E. Van Buren St., Chicago, Ill.....	132
E. H. Larsen.....	E. H. Larsen.....	E. H. Larsen.....	Coulterville, Ill.....	133
W. F. Davis.....	W. F. Davis.....	Jos. Vlasak.....	2927 S. Broadway, St. Louis, Mo.....	134
..a.....	John Senger, Sr.....	..a.....	P. O. Box 56, Springfield, Ill.....	135
D. E. Meyer.....	D. E. Meyer.....	Chas. Beese.....	Belleville, Ill.....	136
F. H. Seymour.....	F. H. Seymour.....	John Howell.....	Herrin, Ill.....	137
Charles Shuler, Jr.....	T. C. Chapman.....	T. C. Chapman.....	Alpha, Ill.....	138
S. A. Butler.....	..a.....	Steve Herbert.....	621 Security Bldg., St. Louis, Mo.....	139
S. A. Butler.....	..a.....	E. Strotheide.....	621 Security Bldg., St. Louis, Mo.....	140

No.	Name of operator and mine.	Location of mine.		
		District.	County.	Post office.
141	Spillertown Mining Co.....	12	Williamson.....	Johnston City.....
142	Stiers Bros. Construction Co.....	7	Madison.....	Moro.....
143	Sunnyside Coal Co.....	3	Fulton.....	Cuba.....
144	Superior Coal Co., No. 1.....	6	Macoupin.....	Gillespie.....
145	Superior Coal Co., No. 2.....	6	Macoupin.....	Gillespie.....
146	Superior Coal Co., No. 3.....	6	Macoupin.....	Gillespie.....
147	Superior Coal Co., No. 4.....	6	Macoupin.....	Gillespie.....
148	Sutton Coal Co., W. A.....	2	Woodford.....	Minonk.....
149	Swords, George.....	3	Fulton.....	Canton.....
150	Talbot Coalery Co.....	9	Perry.....	DuQuoin.....
151	Tamaroa Coal Co.....	9	Perry.....	Tamaroa.....
152	Tilton Mining Co.....	5	Vermilion.....	Danville.....
153	Truax-Traer Coal Co.....	3	Fulton.....	St. David.....
154	Truax-Traer Coal Co., No. 1.....	9	Jackson.....	Elkville.....
155	Truax-Traer Coal Co., No. 2.....	9	Jackson.....	DeSoto.....
156	Ubben Coal Co.....	2	Peoria.....	Pekin.....
157	Union Coal Co.....	1	LaSalle.....	Peru.....
158	Union Colliery Co.....	9	Jackson.....	Dowell.....
159	United Electric Coal Co., No. 9.....	3	Fulton.....	Cuba.....
160	United Electric Coal Co., No. 11.....	9	Perry.....	DuQuoin.....
161	United Electric Coal Co., No. 12.....	5	Vermilion.....	Danville.....
162	United Electric Coal Co., No. 13.....	8	St. Clair.....	Freeburg.....
163	United States Fuel Co., "Bun".....	5	Vermilion.....	Georgetown.....
164	Valier Coal Co., No. 1.....	10	Franklin.....	Valier.....
165	Vinegar Hill Coal Co.....	8	St. Clair.....	Lenzburg.....
166	Virden Coal Co.....	6	Macoupin.....	Virden.....
167	Wallace Coal Co.....	12	Williamson.....	Marion.....
168	Wasson Coal Co., No. 1.....	11	Saline.....	Harrisburg.....
169	West Frankfort Coal Corp., No. 21.....	10	Franklin.....	West Frankfort.....
170	Whip-Poor-Will Coal & Mining Co.....	9	Perry.....	Cutler.....
171	White Coal Co.....	8	St. Clair.....	Belleville.....
172	Winkle Coal Co.....	9	Perry.....	Swanwick.....

a—Not reported.

SHIPPING MINES—Concluded.

General superintendent.	Superintendent of mine.	Local mine manager.	Address of main office of company.	No.
Harry E. Morgan.....	Alfred Richardson.....	Jack Leasock.....	1107 Barham St., Johnston City, Ill.....	141
P. D. Hufford.....	P. D. Hufford.....	P. D. Hufford.....	2944 Magazine St., St. Louis, Mo.....	142
F. N. Heller.....	..a.....	L. F. Schroeder.....	Canton, Ill.....	143
D. D. Wilcox.....	J. Powell.....	Alex Duncan.....	400 W. Madison St., Chicago, Ill.....	144
D. D. Wilcox.....	J. Powell.....	Lawrence Kiss.....	400 W. Madison St., Chicago, Ill.....	145
D. D. Wilcox.....	J. Powell.....	Alex Young.....	400 W. Madison St., Chicago, Ill.....	146
D. D. Wilcox.....	J. Powell.....	John H. Johnson.....	400 W. Madison St., Chicago, Ill.....	147
W. G. Sutton.....	H. A. Sutton.....	H. A. Sutton.....	Minonk, Ill.....	148
Geo. Swords.....	..a.....	..a.....	Box 74, Canton, Ill.....	149
D. B. Talbott.....	Hardy Norris.....	..a.....	DuQuoin, Ill.....	150
L. Winchester.....	..a.....	Henry Jones.....	Tamaroa, Ill.....	151
W. A. Martin.....	..a.....	H. C. Steube.....	Station C, Danville, Ill.....	152
H. F. Willis.....	Byron Somers.....	A. E. Junell.....	8 S. Michigan Ave., Chicago, Ill.....	153
Henry F. Willis.....	Chas. R. Dunn.....	..a.....	8 S. Michigan Ave., Chicago, Ill.....	154
Theo H. Ubben.....	..a.....	..a.....	8 S. Michigan Ave., Chicago, Ill.....	155
Adam Currie.....	..a.....	J. Scheffler.....	Pekin, Ill.....	156
Edward Leming.....	Edward Leming.....	..a.....	112 E. Fifth St., Peru, Ill.....	157
..a.....	..a.....	C. O. Wellington.....	Box 1349, St. Louis, Mo.....	158
..a.....	..a.....	Carl G. Day.....	500 Adams Bldg., Danville, Ill.....	159
..a.....	..a.....	F. A. Huff.....	500 Adams Bldg., Danville, Ill.....	160
..a.....	..a.....	R. E. Pyle.....	500 Adams Bldg., Danville, Ill.....	161
..a.....	..a.....	Geo. D. Huff.....	500 Adams Bldg., Danville, Ill.....	162
A. F. Dodd.....	Robert Flynn.....	Mark Ord.....	208 S. LaSalle St., Chicago, Ill.....	163
..a.....	D. W. Jones.....	Isaiah Winn.....	547 W. Jackson Blvd., Chicago, Ill.....	164
..a.....	..a.....	George Germann.....	Lenzburg, Ill.....	165
Clint Richardson.....	Joe Dubunick.....	..a.....	Virden, Ill.....	166
Geo. A. Wallace.....	John K. Wallace.....	Wm. K. Wallace.....	Marion, Ill.....	167
L. A. Wasson.....	L. A. Wasson.....	John H. Evans.....	Harrisburg, Ill.....	168
H. M. Rea.....	W. G. Guiney.....	H. C. Harris.....	West Frankfort, Ill.....	169
..a.....	G. A. Prescott.....	D. P. Jackson.....	Cutler, Ill.....	170
R. White, Sr.....	R. White, Sr.....	June Dickson.....	Box 303, Belleville, Ill.....	171
O. L. Winkle.....	..a.....	George Smith.....	Swanwick, Ill.....	172

SHIPPING AND LOCAL MINES—

SHIPPING

District.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
First.....	7	1,777,138	1,250,046	252,069	721	246,269	9,920	18,113
Second.....	8	1,568,939	365,558	983,760	-----	207,330	7,160	5,131
Third.....	15	1,838,159	1,163,173	529,734	-----	118,454	9,517	17,281
Fourth.....	16	6,056,629	4,592,179	1,019,085	18,276	360,854	45,484	20,751
Fifth.....	7	1,840,005	1,135,827	518,450	2,206	172,730	10,414	378
Sixth.....	11	3,921,804	1,064,764	2,569,435	2,008	122,912	118,861	43,824
Seventh.....	10	1,663,887	1,244,443	146,453	-----	173,634	62,919	36,438
Eighth.....	25	2,328,014	1,075,850	265,955	24,752	825,482	73,307	62,668
Ninth.....	31	5,249,945	2,724,172	2,095,999	51,868	234,631	70,002	73,273
Tenth.....	15	7,780,162	4,728,661	2,556,922	-----	88,686	110,213	295,680
Eleventh.....	9	2,731,693	2,029,660	541,086	-----	76,709	54,403	29,835
Twelfth.....	18	1,899,152	1,171,294	605,605	-----	40,608	42,972	38,673
Total.....	172	38,655,527	22,545,627	12,084,553	99,831	2,668,299	615,172	642,045

LOCAL

First.....	197	576,731	-----	-----	-----	565,777	10,954	-----
Second.....	125	432,577	-----	-----	-----	427,912	4,665	-----
Third.....	335	318,162	-----	-----	-----	310,051	8,111	-----
Fourth.....	39	266,815	-----	-----	-----	258,469	8,096	250
Fifth.....	131	294,111	-----	-----	-----	291,239	2,872	-----
Sixth.....	60	48,583	-----	-----	-----	46,931	1,552	100
Seventh.....	36	280,045	-----	-----	-----	257,053	13,691	9,301
Eighth.....	47	464,899	-----	-----	-----	440,549	8,355	15,995
Ninth.....	53	112,806	-----	-----	-----	104,729	8,077	-----
Tenth.....	5	541	-----	-----	-----	521	20	-----
Eleventh.....	62	81,614	-----	-----	-----	74,509	7,105	-----
Twelfth.....	85	191,667	-----	-----	-----	180,281	11,386	-----
Total.....	1,175	3,068,551	-----	-----	-----	2,958,021	84,884	25,646

ALL

First.....	204	2,353,869	1,250,046	252,069	721	812,046	20,874	18,113
Second.....	133	2,001,516	365,558	983,760	-----	635,242	11,825	5,131
Third.....	350	2,156,321	1,163,173	529,734	-----	428,505	17,628	17,281
Fourth.....	55	6,323,444	4,592,179	1,019,085	18,276	619,323	53,580	21,001
Fifth.....	138	2,134,116	1,135,827	518,450	2,206	463,969	13,286	378
Sixth.....	71	3,970,387	1,064,764	2,569,435	2,008	169,843	120,413	43,924
Seventh.....	46	1,943,932	1,244,443	146,453	-----	430,687	76,610	45,739
Eighth.....	72	2,792,913	1,075,850	265,955	24,752	1,266,031	81,662	78,663
Ninth.....	84	5,362,751	2,724,172	2,095,999	51,868	339,360	78,079	73,273
Tenth.....	20	7,780,703	4,728,661	2,556,922	-----	89,207	110,233	295,680
Eleventh.....	71	2,813,207	2,029,660	541,086	-----	151,218	61,508	29,835
Twelfth.....	103	2,090,819	1,171,294	605,605	-----	220,889	54,358	38,673
Total.....	1,347	41,724,078	22,545,627	12,084,553	99,831	5,626,320	700,056	667,691

RECAPITULATION FOR THE STATE.

MINES.

Total employees.	Days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by--			Number of animals underground.
		Powder-kegs.	Pellet powder-pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
1,410	180	8,177	28,100	2,475	-----	5	4	125,113	200,542	1,451,483	98
1,854	181	4,107	350,450	-----	-----	69	26	1,415,189	153,750	-----	150
1,478	175	10,178	108,317	2,085	25,950	45	19	619,039	74,417	1,144,703	113
5,730	160	59,139	2,917,375	950	29,500	69	146	4,560,728	1,495,901	-----	263
2,585	151	1,813	234,525	49,350	142,050	67	31	1,793,984	9,818	36,203	89
4,233	162	2,452	124,121	-----	384,000	65	123	3,921,804	-----	-----	59
2,275	126	6,545	92,750	25	46,125	60	48	1,619,588	16,190	28,109	85
2,967	147	77,689	246,500	-----	2,750	56	62	1,278,851	1,048,845	318	166
3,965	124	13,849	275,175	44,390	203,250	105	75	2,149,459	139,878	2,960,608	127
8,407	130	-----	-----	-----	725,775	279	376	7,780,162	-----	-----	79
3,812	144	79	110,700	66	169,180	164	172	2,468,527	-----	263,166	133
2,225	143	4,494	134,150	200	145,050	58	74	1,662,658	112,866	123,628	52
40,943	147	188,522	4,622,163	99,541	1,873,630	1,042	1,156	29,395,102	3,252,207	6,008,218	1,414

MINES.

1,951	111	15,278	17,100	-----	-----	15	-----	173,570	295,540	107,621	-----
1,058	134	14,242	30,225	-----	-----	24	-----	279,725	150,252	2,600	-----
1,360	106	14,400	13,050	-----	-----	7	-----	73,975	228,261	15,926	-----
573	153	12,565	-----	-----	-----	11	-----	110,696	156,119	-----	-----
905	125	11,743	10,750	-----	3,750	10	-----	95,478	192,377	6,256	-----
337	123	1,161	-----	-----	-----	2	-----	6,059	41,934	590	-----
501	130	3,244	15,125	165	-----	13	-----	183,583	96,027	435	-----
761	146	11,753	22,793	-----	-----	10	-----	113,163	288,924	62,812	-----
317	117	3,647	6,950	-----	-----	9	-----	45,434	65,372	2,000	-----
18	39	-----	-----	-----	-----	-----	-----	-----	-----	541	-----
290	86	2,899	9,650	-----	-----	4	-----	29,248	45,983	6,383	-----
485	137	9,710	16,800	-----	-----	2	-----	13,727	169,078	8,862	-----
8,556	118	100,642	142,443	165	3,750	107	-----	1,124,658	1,729,867	214,026	-----

MINES.

3,361	113	23,455	45,200	2,475	-----	20	4	298,683	496,082	1,559,104	98
2,912	137	18,349	380,675	-----	-----	93	26	1,694,914	304,002	2,600	150
2,838	109	24,578	121,367	2,085	25,950	52	19	693,014	302,678	1,160,629	113
6,303	155	71,704	2,917,375	950	29,500	80	146	4,671,424	1,652,020	-----	263
3,490	126	13,556	245,275	49,350	145,800	77	31	1,889,462	202,195	42,459	89
4,572	129	3,613	124,121	-----	384,000	67	123	3,927,863	41,934	590	59
2,776	129	9,789	107,875	190	46,125	73	48	1,803,171	112,217	28,544	85
3,728	147	89,442	269,293	-----	2,750	66	62	1,392,014	1,337,769	63,130	166
4,282	119	17,496	282,125	44,390	203,250	114	75	2,194,893	205,250	2,962,608	127
8,425	108	-----	-----	-----	725,775	279	376	7,780,162	-----	541	79
4,102	93	2,978	120,350	66	169,180	168	172	2,497,775	45,983	269,549	133
2,710	138	14,204	150,950	200	145,050	60	74	1,676,385	281,944	132,490	52
49,499	122	289,164	4,764,606	99,706	1,877,380	1,149	1,156	30,519,760	4,982,074	6,222,244	1,414

GENERAL STATEMENT.

1934—WITH COMPARATIVE FIGURES OF FOUR PREVIOUS YEARS.

	1934	1933	1932	1931	1930
Number of counties producing coal.....	58	53	54	48	54
Number of mines operated.....	1,347	1,266	1,093	994	939
Number of shipping mines.....	172	159	162	167	185
Number of local mines.....	1,175	1,107	931	827	754
Output in tons, all mines.....	41,724,078	38,320,125	34,120,786	45,152,623	54,035,116
Output in tons, shipping mines.....	38,655,527	35,390,677	31,402,399	43,073,058	51,996,608
Output in tons, local mines.....	3,068,551	2,929,448	2,718,387	2,079,565	2,038,508
Tons handled by railroads.....	34,730,011	31,636,128	28,519,261	39,940,793	48,682,938
Tons disposed of otherwise.....	6,994,067	6,683,997	5,601,525	5,211,830	5,352,178
Number employed underground.....	40,340	40,096	43,630	45,652	48,342
Number employed on surface.....	9,159	8,368	7,924	7,898	7,669
Total employees.....	49,499	48,464	51,554	53,550	56,011
Average days worked, shipping mines.....	147	181	107	130	145
Average days worked, local mines.....	118	118	127	123	117
Number of mining machines in use.....	1,149	1,118	1,246	1,459	1,668
Tons undercut by machines.....	30,519,760	28,051,231	23,201,707	33,161,198	40,799,961
Tons mined by hand.....	4,982,074	4,554,589	4,162,122	5,371,522	6,959,188
Tons mined by stripping.....	6,222,244	5,714,305	6,756,957	6,619,903	6,275,967
Number of mechanical loaders in use.....	1,621	1,752	2,280	2,420	2,238
Tons loaded mechanically.....	18,600,174	17,766,216	15,412,656	22,445,802	23,249,881
Kegs of powder used for blasting coal.....	289,164	230,721	215,778	295,760	455,940
Pounds of pellet powder used.....	4,764,606	3,988,617	2,940,722	4,540,477	1,007,890
Pounds of dynamite used.....	99,706	71,963	125,750	115,395	298,446
Pounds of permissible explosives used.....	1,877,380	1,760,955	1,669,636	2,406,186	4,722,380
Number of motors used in underground haulage.....	1,156	1,044	1,117	1,205	1,209
Number of animals underground.....	1,414	1,388	1,418	1,503	1,812
Number of fatal accidents.....	86	71	114	90	112
Number of non-fatal accidents.....	3,133	3,018	2,643	3,809	5,103
Tons mined to one man killed.....	485,164	539,720	377,834	501,696	482,456
Tons mined to one man injured.....	13,318	12,697	12,884	11,854	10,589
Number employed to one killed.....	576	683	452	595	500
Number employed to one injured.....	16	16	20	14	11
Number of mines using closed lights.....	21	20	19	22	23
Number of mines rock dusted.....	29	25	34	35	35

TABLE 1—CLASSIFICATION OF MINES BY DISTRICTS.

Districts.	All mines.			Shipping mines.			Local mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	en.	Tons.
First.....	204	3,361	2,353,869	7	1,410	1,777,138	197	1,951	576,731
Second.....	133	2,912	2,001,516	8	1,854	1,568,939	125	1,058	432,577
Third.....	350	2,838	2,156,321	15	1,478	1,838,159	335	1,360	318,162
Fourth.....	55	6,303	6,323,444	16	5,730	6,056,629	39	573	266,815
Fifth.....	138	3,490	2,134,116	7	2,585	1,840,005	131	905	294,111
Sixth.....	71	4,572	3,970,387	11	4,235	3,921,804	60	337	8,583
Seventh.....	46	2,776	1,943,932	10	2,275	1,663,887	36	501	280,045
Eighth.....	72	3,728	2,792,913	25	2,967	2,328,014	47	761	464,899
Ninth.....	84	4,282	5,362,751	31	3,965	5,249,945	53	317	112,806
Tenth.....	20	8,425	7,780,703	15	8,407	7,780,162	5	18	541
Eleventh.....	71	4,102	2,813,307	9	3,812	2,731,693	62	290	81,614
Twelfth.....	103	2,710	2,090,819	18	2,225	1,899,152	85	485	191,667
Total.....	1,347	49,499	41,724,078	172	40,943	38,655,527	1,175	8,556	3,068,551

TABLE 2—NUMBER OF MINES OPERATED, MEN EMPLOYED, AVERAGE DAYS WORKED, TONS PRODUCED, AVERAGE TONS PER DAY AND THE AVERAGE TONS PER MAN PER DAY, ALL MINES—1882-1934.

Year.	Mines operated.	Men employed.	Average days worked.	Tons produced.	Average tons per day.	Average tons per man per day.
1882.....	704	20,290	190	9,115,661	47,977	2.4
1883.....	637	23,939	195	10,508,785	53,891	2.3
1884.....	739	25,575	204	10,101,004	49,514	1.9
1885.....	778	25,946	200	9,791,874	48,959	1.9
1886.....	786	25,846	185	9,246,435	49,982	1.9
1887.....	801	26,804	190	10,278,890	54,099	2.0
1888.....	833	29,410	194	11,855,188	61,109	2.1
1889.....	851	30,076	189	11,597,963	61,365	2.0
1890.....	811	28,574	175	12,638,364	72,219	2.1
1891.....	898	32,951	192	15,660,698	81,566	2.5
1892.....	833	33,632	191	17,862,276	93,520	2.8
1893.....	779	35,390	201	19,949,564	99,252	2.8
1894.....	822	38,477	173	17,113,576	98,922	2.6
1895.....	844	38,630	178	17,735,864	99,645	2.6
1896.....	868	37,032	172	19,786,626	115,038	3.1
1897.....	853	33,788	169	20,072,758	118,773	3.5
1898.....	881	35,026	165	18,599,299	112,723	3.2
1899.....	889	36,901	181	23,434,445	129,472	3.5
1900.....	920	39,384	183	25,153,929	137,453	3.5
1901.....	915	44,143	174	26,685,319	153,364	3.5
1902.....	915	46,003	177	30,021,300	169,612	3.7
1903.....	930	49,814	192	34,955,400	182,059	3.7
1904.....	932	54,774	185	37,077,897	200,421	3.7
1905.....	990	59,230	167	37,183,374	222,655	3.8
1906.....	1,018	62,283	177	38,317,581	216,433	3.5
1907.....	933	66,714	180	47,798,621	265,548	4.0
1908.....	922	70,841	180	49,272,436	273,736	3.9
1909.....	886	72,733	177	49,163,710	277,761	3.8
1910.....	881	74,634	172	48,717,853	283,243	3.8
1911.....	845	77,410	165	50,165,099	304,031	3.9
1912.....	879	79,411	160	57,514,240	359,464	4.5
1913.....	840	79,497	170	61,846,204	363,801	4.6
1914.....	796	80,035	162	60,715,795	374,789	4.7
1915.....	779	75,607	158	57,601,694	364,517	4.8
1916.....	803	75,919	163	63,673,530	390,635	5.1
1917.....	810	80,893	179	78,983,517	441,250	5.4
1918.....	966	91,372	183	89,979,469	491,691	5.4
1919.....	937	90,897	160	75,099,784	469,374	5.2
1920.....	938	88,192	159	73,920,653	464,910	5.3
1921.....	1,035	95,763	152	80,121,948	527,118	5.5
1922.....	1,133	98,090	134	63,276,827	472,215	4.8
1923.....	1,136	103,566	146	75,514,095	517,220	5.0
1924.....	1,032	99,765	140	72,308,665	516,490	5.2
1925*.....	913	81,684	204	103,186,166	505,815	6.2
1926.....	921	77,732	131	69,813,255	532,925	6.9
1927.....	906	78,572	119	46,949,700	394,535	5.0
1928.....	857	65,508	132	56,211,082	425,841	6.5
1929.....	803	58,596	133	61,127,759	459,607	7.8
1930.....	939	56,011	122	54,035,116	442,910	7.9
1931.....	977	53,550	127	45,152,623	355,532	6.6
1932.....	1,093	51,554	124	34,120,786	275,168	5.3
1933.....	1,266	48,464	119	38,320,125	322,018	6.6
1934.....	1,347	49,499	122	41,724,078	342,001	6.9

* July 1, 1924 to December 31, 1925.

TABLE 3—CLASSIFICATION OF MINES BY OUTPUT.

Mines producing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 1,000 tons	2	43	1,060	728	2,405	211,382	730	2,448	212,442
1,000 but less than 10,000	18	292	86,291	382	3,576	1,165,781	400	3,868	1,252,072
10,000 but less than 50,000	40	3,129	1,102,992	58	1,943	1,270,982	98	5,072	2,373,974
50,000 but less than 100,000	29	4,809	2,132,593	7	632	420,406	36	5,441	2,552,999
100,000 but less than 200,000	21	5,061	3,146,887				21	5,061	3,146,887
200,000 but less than 300,000	12	3,712	3,111,052				12	3,712	3,111,052
300,000 but less than 400,000	19	6,688	6,530,494				19	6,688	6,530,494
400,000 but less than 500,000	7	3,155	3,079,402				7	3,155	3,079,402
500,000 but less than 600,000	4	2,098	2,229,938				4	2,098	2,229,938
600,000 but less than 700,000	3	1,616	2,031,872				3	1,616	2,031,872
700,000 but less than 800,000	5	2,845	3,809,195				5	2,845	3,809,195
800,000 and over	12	7,495	11,393,751				12	7,495	11,393,751
Total	172	40,943	38,655,527	1,175	8,556	3,068,551	1,347	49,499	41,724,078

TABLE 4—AVERAGES AND PERCENTAGES, BASED ON TABLE 3.

Mines producing—	Shipping mines.						Local mines.					
	Mines.		Men.		Tons.		Mines.		Men.		Tons.	
	Num-ber.	Per-cent.	Aver-age.	Per-cent.	Average.	Per-cent.	Num-ber.	Per-cent.	Aver-age.	Per-cent.	Average.	Per-cent.
Less than 1,000 tons	2	1.2	22	0.1	530		728	62.0	3	28.1	290	6.9
1,000 but less than 10,000	18	10.5	16	0.7	4,794	0.2	382	32.5	9	41.8	3,052	38.0
10,000 but less than 50,000	40	23.2	78	7.7	27,575	2.8	58	4.9	34	22.7	21,913	41.4
50,000 but less than 100,000	29	16.9	166	11.8	73,538	5.5	7	0.6	90	7.4	60,058	13.7
100,000 but less than 200,000	21	12.2	241	12.4	149,852	8.1						
200,000 but less than 300,000	12	7.0	309	9.1	259,254	8.0						
300,000 but less than 400,000	19	11.0	352	16.3	343,710	16.9						
400,000 but less than 500,000	7	4.1	451	7.7	439,915	8.0						
500,000 but less than 600,000	4	2.3	525	5.1	557,485	5.8						
600,000 but less than 700,000	3	1.7	539	3.9	677,291	5.3						
700,000 but less than 800,000	5	2.9	569	6.9	761,839	9.9						
800,000 and over	12	7.0	625	18.3	949,479	29.5						
Total	172	100.0	*238	100.0	*224,741	100.0	1,175	100.0	*7	100.0	*2,612	100.0

* Average.

TABLE 5—CLASSIFICATION OF MINES BY DAYS WORKED.

Mines working—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days...	15	2,449	422,306	216	1,020	56,659	231	3,469	474,965
50 but less than 100	25	4,027	1,744,536	258	1,149	151,102	283	5,176	1,895,638
100 but less than 150	41	11,311	8,609,062	293	1,959	571,036	334	13,270	9,180,098
150 but less than 200	58	13,711	14,134,436	232	2,368	1,047,378	290	16,079	15,181,814
200 days and over..	33	9,445	13,745,187	176	2,060	1,242,376	209	11,505	14,987,563
Total.....	172	40,943	38,655,527	1,175	8,556	3,068,551	1,347	49,499	41,724,078

TABLE 6—PERCENTAGES OF MINES WORKED, BASED ON TABLE 5.

Mines working—	Shipping mines.			Local mines.			All mines.		
	Per cent of—			Per cent of—			Per cent of—		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 50 days.....	8.7	6.0	1.1	18.4	11.9	1.9	17.2	7.0	1.2
50 but less than 100.....	14.5	9.8	4.5	22.0	13.4	4.9	21.0	10.5	4.5
100 but less than 150.....	23.9	27.6	22.3	24.9	22.9	18.6	24.8	26.8	22.0
150 but less than 200.....	33.7	33.5	36.6	19.7	27.7	34.1	21.5	32.5	36.4
200 days and over.....	19.2	23.1	35.5	15.0	24.1	40.5	15.5	23.2	35.9
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 7—CLASSIFICATION OF MINES BY NUMBER OF MEN EMPLOYED.

Mines employing—	Shipping mines.			Local mines.			All mines.		
	Mines.	Men.	Tons.	Mines.	Men.	Tons.	Mines.	Men.	Tons.
Less than 10 men...	5	29	19,248	957	3,657	783,526	962	3,686	802,774
10 but less than 25	18	299	151,294	171	2,342	978,365	189	2,641	1,129,659
25 but less than 50	14	544	491,052	24	767	462,152	38	1,311	953,204
50 but less than 100	26	1,970	2,097,814	17	1,076	581,265	43	3,046	2,679,079
100 but less than 200	34	4,787	3,960,320	6	714	263,243	40	5,501	4,223,563
200 but less than 300	18	4,394	5,578,256	-----	-----	-----	18	4,394	5,578,256
300 but less than 400	19	6,471	4,886,398	-----	-----	-----	19	6,471	4,886,398
400 but less than 500	9	3,879	2,545,733	-----	-----	-----	9	3,879	2,545,733
500 but less than 600	20	10,937	12,353,065	-----	-----	-----	20	10,937	12,353,065
600 but less than 700	5	3,239	3,018,648	-----	-----	-----	5	3,239	3,018,648
700 but less than 800	-----	-----	-----	-----	-----	-----	-----	-----	-----
800 and over.....	4	4,394	3,553,699	-----	-----	-----	4	4,394	3,553,699
Total.....	172	40,943	38,655,527	1,175	8,556	3,068,551	1,347	49,499	41,724,078

TABLE 9—CLASSIFICATION OF SHIPPING

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....					2	91	460	95,627
Second.....								
Third.....	1	46	284	35,905	2	75	134	22,676
Fourth.....	2	40	535	128,776	1	90	316	134,107
Fifth.....	1	19	56	15,961	1	75	38	20,242
Sixth.....	1	23	193	18,450	2	63	410	87,046
Seventh.....					4	82	530	145,647
Eighth.....	2	10	79	4,358	1	84	57	26,683
Ninth.....	4	32	221	65,323	9	80	1,499	759,171
Tenth.....	2	32	1,022	136,373				
Eleventh.....								
Twelfth.....	2	42	59	17,160	3	79	583	453,337
Total and average.....	15	a 31	2,449	422,306	25	a 80	4,027	1,744,536

a Average.

TABLE 10—CLASSIFICATION OF LOCAL

District.	Less than 50 days.				50 but less than 100 days.			
	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
First.....	37	30	361	11,612	57	73	299	30,763
Second.....	10	25	19	635	20	69	69	6,271
Third.....	71	28	158	5,420	83	71	241	21,623
Fourth.....	2	29	13	911	2	75	17	2,500
Fifth.....	27	31	76	3,358	21	76	145	20,522
Sixth.....	5	34	33	2,848	19	72	74	6,193
Seventh.....	6	29	64	8,781	9	74	42	1,541
Eighth.....	6	31	125	11,320	6	72	64	26,890
Ninth.....	10	30	49	3,123	10	76	66	12,588
Tenth.....	3	28	12	350	2	55	6	191
Eleventh.....	24	27	61	4,540	16	70	74	10,778
Twelfth.....	15	25	49	3,761	13	76	52	11,242
Total and average.....	216	a 29	1,020	56,659	258	a 72	1,149	151,102

a Average.

MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
1	130	163	38,909	1	150	138	69,649	3	266	649	1,572,953
2	119	133	86,040	6	167	1,075	605,096	2	225	779	963,843
2	131	777	520,115	4	180	381	868,682	6	246	546	824,856
2	132	723	407,477	5	160	1,684	1,192,459	6	222	2,418	4,081,172
4	126	829	561,008	4	183	2,159	1,639,401	1	232	332	164,401
9	126	883	538,892	11	178	1,618	1,315,448	6	228	2,909	3,408,831
6	127	602	615,102	10	181	1,419	2,871,229	2	215	916	957,232
7	127	3,907	3,780,143	6	167	3,478	3,863,646	2	241	330	442,633
5	123	2,565	1,503,794	4	169	1,247	1,227,899	2	205	224	939,120
3	125	729	557,582	7	171	512	480,927	3	229	342	390,146
41	a 126	11,311	8,609,062	58	a 173	13,711	14,134,436	33	a 232	9,445	13,745,187

MINES BY DAYS WORKED—BY DISTRICTS.

100 but less than 150 days.				150 but less than 200 days.				200 days and over.			
Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.	Mines.	Days.	Men.	Tons.
44	119	288	71,985	34	169	456	137,110	25	224	547	325,261
40	123	276	83,968	40	169	566	291,284	15	227	128	50,419
92	114	394	63,615	50	168	271	82,335	39	224	296	145,169
15	121	307	122,014	11	172	141	89,939	9	228	95	51,451
28	119	243	78,162	31	168	227	86,812	24	224	214	105,257
17	120	63	6,910	9	166	75	15,972	10	233	92	16,660
4	121	22	5,178	10	177	158	75,585	7	230	215	188,960
10	123	126	59,822	11	166	197	135,961	14	229	249	230,906
13	121	56	21,575	16	167	131	65,968	4	222	15	9,552
10	116	77	28,839	6	181	46	19,029	6	216	32	18,428
20	117	107	28,968	14	172	100	47,383	23	241	177	100,313
293	a 118	1,959	571,036	232	a 169	2,368	1,047,378	176	a 228	2,060	1,242,376

TABLE 11.—SHIPPING MINES—LOCATION, TONS MINED AND RANK, EMPLOYEES, DAYS WORKED, AVERAGE DAILY PRODUCTION AND RANK, ARRANGED IN ALPHABETICAL ORDER.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.				Tons.	Rank.
159	Bailey Bros.	9	DuQuoin	4, 830	15	133	37	164
142	Beaucoup Coal Co.	9	Pineknayville	16, 119	13	201	80	152
108	Beckemeyer Coal Co.	8	Beckemeyer	55, 919	97	194	288	131
9	Bell & Zoller Coal Co., No. 1	10	Zeigler	887, 197	612	163	5, 443	5
8	Bell & Zoller Coal Co., No. 2	10	Zeigler	890, 270	927	158	5, 635	3
166	Bibb Coal Co.	9	Pineknayville	3, 173	17	91	35	166
116	Blakely Coal Co.	3	Canion	46, 591	56	206	226	137
55	Blue Bird Coal Co.	11	Carrier Mills	263, 166	100	185	1, 423	65
86	Blue Hill Coal Co.	12	Marion	92, 970	95	187	497	105
137	Bous Coal Co.	10	DuBois	5, 965	41	58	103	151
64	Brewerton Coal Co., No. 22	9	Sesser	195, 984	344	103	1, 903	47
141	Briar Hill Coal Mining Co., No. 45	9	Pineknayville	17, 041	104	34	501	104
145	Buffalo Rock Coal Co.	1	Ottawa	14, 714	24	90	163	144
144	Bullock Mining Co.	7	Collinsville	15, 887	59	85	187	143
124	Canton Coal Co.	3	Canion	35, 905	284	46	781	89
126	Carbon Fuel Co.	12	Marion	34, 156	37	193	177	145
163	Cartersville Mining & Eng. Co.	12	Cambrria	3, 513	16	58	61	155
84	Cartersville Peacock Coal Co., No. 2	12	Harrisburg	94, 575	39	173	547	99
48	Central Illinois Coal Mining Co., "A"	4	Springfield	335, 869	300	203	1, 655	56
62	Centralia Coal Co., No. 5	9	Centralia	230, 876	219	146	1, 581	59
22	Chicago, Wilmington & Franklin Coal Co., No. 1	10	Orient	579, 235	542	126	4, 597	10
113	Chicago, Wilmington & Franklin Coal Co., No. 2	10	West Frankfort	1, 206, 619	1, 051	133	9, 072	1
93	Chicopee Coal Co., No. 1	7	Troy	49, 964	111	99	505	102
93	Citizens Coal Co., "E"	8	Breese	79, 239	112	190	417	111
146	City Lake Coal Co.	12	Herrin	14, 679	40	134	110	149
94	Clarkson Coal & Mining Co.	9	Nashville	79, 068	104	194	408	115
35	Coal Stripping Co., No. 1	5	Pineknayville	372, 142	80	185	2, 012	44
136	Coal Stripping Co., No. 2	5	Danville	20, 242	38	75	270	132
170	Conant Coal Co.	9	Conant	1, 927	9	109	18	171
28	Consolidated Coal Co. of St. Louis, No. 7	12	Herrin	440, 637	413	135	3, 264	21
13	Consolidated Coal Co. of St. Louis, No. 15	6	Mt. Olive	789, 442	565	205	3, 551	16
133	Consumers Coal & Materials Co.	12	Marion	9, 678	12	211	46	159
78	Coutlerville Coal Co.	9	Coutlerville	127, 970	187	193	663	93
44	Crerar-Clinch Coal Co., No. 14	9	DuQuoin	332, 226	650	91	3, 651	17
117	Crerar-Clinch Coal Co., No. 15	9	DuQuoin	45, 600	96	32	1, 425	64
51	Crescent Mining Co., No. 1	2	Peoria	295, 886	378	180	1, 644	57
15	Crescent Mining Co., No. 6	2	Peoria	785, 092	567	237	3, 313	20
83	Cutler Coal Co., Inc.	9	Cutler	103, 671	109	163	636	94

81	Dorthel Coal Co., No. 1	120,484	179	167	721	90
138	Dorthel Coal Co., No. 2	15,867	129	54	349	121
69	Dorthel Coal Co., No. 3	165,211	177	192	860	83
132	Eldnar Coal Co.	27,386	44	128	214	139
131	Erie Sootless Coal Co.	10,362	71	64	146	162
147	Forsyth Carterville Coal Co.	13,730	45	34	404	117
60	Franco Mining Corp.	241,387	300	159	1,518	61
32	Franklin County Coal Co., Inc., No. 5	391,819	571	129	3,037	26
24	Franklin County Coal Co., Inc., No. 7	519,446	551	180	2,886	29
71	Franklin Mining Co.	133,925	304	127	1,212	71
115	Freeburg Coal Co.	46,800	70	183	256	135
84	Freeman Coal Mining Co.	102,266	276	107	956	77
47	Galesburg Coal Mining Co., No. 1	311,751	295	225	1,386	67
109	Gill Coal Corp.	54,733	119	106	516	101
46	Gillespie Coal Co.	318,866	218	269	1,185	72
110	Glenwood Mining Co., No. 3	51,702	119	171	302	127
99	Golden Rule Coal Co.	74,056	66	151	490	107
150	Golden Rule Coal Co.	11,602	13	269	43	181
87	Groom Coal Co.	90,939	100	198	459	110
123	Guest Coal Co.	38,203	85	132	289	130
75	Gundlach Coal Co.	134,932	129	165	818	86
66	Hillsboro Coal Co.	190,759	231	208	917	79
152	Horne Coal Co.	10,170	22	91	112	148
121	Illinois Colliery Co.	40,653	85	112	363	119
120	Illinois-Pocahontas Coal Co.	28,612	163	58	493	106
122	Illinois Zinc Co., No. 3	38,909	163	130	299	129
135	Illino Coal Co.	21,063	35	195	108	150
171	Imperial Coal Co.	742	15	15	49	158
39	Indiana & Illinois Coal Corp., No. 10	358,912	565	145	2,475	37
88	Jefferson Coal Mining Co., No. 81	90,118	166	216	417	113
160	Jones Bros. Coal Mining Co., No. 1	4,040	51	19	213	140
125	Jones Bros. Coal Mining Co., No. 2	35,230	123	67	526	100
68	Lake Erie Mining Co.	178,751	212	212	843	84
133	Lenzburg Coal Co.	26,683	57	84	318	125
164	Livines & Smith	3,809	5	95	162	125
67	Livingston-Mt. Olive Coal Co., No. 1	180,524	349	142	1,271	69
34	Lumagh Coal Co., No. 2	373,006	366	205	1,820	51
70	Macon County Coal Co.	164,401	332	232	709	92
82	Madison County Coal & Mining Co.	110,797	203	110	1,007	76
59	Marion County Coal Co.	241,578	253	143	1,089	55
25	Midland Electric Coal Corp., No. 1	489,968	120	279	1,756	53
29	Midland Electric Coal Corp., No. 2	433,729	148	274	1,563	58
53	Mine B Coal Co.	281,873	450	132	2,135	39
57	Moffat Coal Co.	251,433	400	95	2,047	33
139	Mt. Olive Coal Co.	18,450	193	23	802	87
21	Mt. Olive & Staunton Coal Co., No. 2	584,226	550	225	2,597	34
103	Mulberry Hill Coal Co.	66,922	73	133	503	103
2	Hanna City					
3	Farmington					
3	Farmington					
8	Belleville					
6	Moweaqua					
12	Carterville					
12	Johnston City					
10	Herrin					
10	Royalton					
10	Benton					
12	Herrin					
3	Galesburg					
8	Marissa					
6	Gillespie					
2	Edwards					
3	Lenzburg					
8	Middle Grove					
8	Belleville					
8	East St. Louis					
6	Hillsboro					
9	Willisville					
3	Farmington					
7	Pocahontas					
1	Peru					
9	Sparta					
9	Tamara					
6	Nokomis					
4	Springfield					
9	Marissa					
9	Marissa					
2	Pecoria					
3	Lenzburg					
3	Canton					
7	Livingston					
7	Collinsville					
5	Decatur					
7	Edwardsville					
7	Centralla					
1	Atkinson					
3	Farmington					
4	Springfield					
9	Sparta					
7	Mt. Olive					
8	Staunton					
8	Freeburg					

TABLE 11.—Concluded.

Rank.	Name of operator and mine.	Location.		Production in tons.	Number employed.	Days worked.	Av. daily production.	
		District.	Post office of mine.				Tons.	Rank.
156	New Watson Coal Co., No. 1.	12	Herrin.	6,455	18	177	36	165
128	Norris City Coal Co.	11	Norris City.	31,006	79	216	31,006	133
5	Northern Illinois Coal Corp., No. 10.	1	Wilmington.	946,801	271	283	3,346	19
134	Oakwood Coal Co.	7	Oakwood.	23,929	46	187	128	147
110	Odin Coal Co.	5	Odin.	51,184	197	84	609	96
105	O. K. Coal Co.	8	Marissa.	63,660	143	103	618	98
18	Old Ben Coal Corp., No. 8.	10	West Frankfort.	688,555	545	139	4,351	13
98	Old Ben Coal Corp., No. 14.	10	Buckner.	74,505	455	23	3,239	22
19	Old Ben Coal Corp., No. 15.	10	Ezra.	680,711	506	176	3,868	15
27	Old Ben Coal Corp., No. 18.	12	Johnston City.	445,978	551	93	4,795	7
80	Pana Coal Co., No. 1.	4	Pana.	127,182	192	179	711	91
56	Panther Creek Mines, Inc., No. 4.	4	Springfield.	260,979	416	150	1,740	54
76	Panther Creek Mines, Inc., No. 5.	4	Springfield.	134,107	316	90	1,490	62
4	Peabody Coal Co., No. 7.	4	Kincaid.	986,122	527	222	4,442	11
11	Peabody Coal Co., No. 8.	4	Toray.	864,806	535	221	3,913	14
2	Peabody Coal Co., No. 9.	4	Taylorville.	1,016,754	507	221	4,601	9
106	Peabody Coal Co., No. 18.	10	West Frankfort.	61,868	507	40	1,547	60
33	Peabody Coal Co., No. 19.	10	West Frankfort.	374,398	579	139	2,694	32
23	Peabody Coal Co., No. 24.	5	Danville.	547,031	455	183	2,939	27
26	Peabody Coal Co., No. 47.	11	Harco.	447,406	835	125	3,579	18
112	Peabody Coal Co., No. 51.	4	Springfield.	50,437	234	35	1,441	63
61	Peabody Coal Co., No. 53.	4	Springfield.	238,242	327	129	1,847	50
50	Peabody Coal Co., No. 57.	4	Springfield.	302,357	368	162	1,866	49
14	Peabody Coal Co., No. 58.	4	Taylorville.	787,503	383	246	3,201	23
48	Peabody Coal Co., No. 59.	4	Springfield.	308,010	358	156	1,974	46
167	Peacock Coal Co.	9	Hurst.	3,035	18	143	91	170
96	Penwell Coal Mining Co.	9	Pana.	78,339	301	44	1,780	52
90	Perfection Coal Co.	9	DuQuoin.	83,774	38	58	952	78
91	Perry Coal Co., "Carbon."	8	O'Fallon.	83,067	111	144	577	98
36	Perry Coal Co., "St. Ellen."	8	O'Fallon.	370,692	235	267	1,388	66
89	Prairie Coal Co.	8	Belleville.	84,963	171	107	794	88
92	Prairie State Coal Co.	1	Granville.	80,913	436	92	879	80
119	Pschirrer & Sons Coal Co.	3	Canton.	45,387	48	125	363	120
162	Puritan Coal Co.	12	Johnston City.	3,846	16	86	45	160
6	Pyramid Coal Corp.	9	Pinckneyville.	923,001	211	208	4,438	12
120	Quality Coal & Mining Co.	8	Belleville.	40,984	72	136	301	128
168	Radford Coal Co., M. H.	12	Marion.	2,132	3	153	14	172
158	Reed Coal Co., E. A.	3	Canton.	5,740	15	165	29	168
118	Reinicher Coal & Mining Co.	8	Belleville.	45,437	60	194	234	136
45	Rex Coal Co., No. 2.	11	Eldorado.	323,141	323	160	2,020	100
148	Ring Coal Co., No. 1.	9	Cutler.	12,800	17	189	68	154

129	Roanoke Coal & Tile Co.	2	Roanoke	30,489	119	154	198	142
165	Rodney Coal Co.	12	Herrin	3,430	14	49	70	153
40	Sahara Coal Co., No. 1	11	Harrisburg	352,007	647	124	2,839	30
54	Sahara Coal Co., No. 3	11	Harrisburg	272,405	426	110	2,476	36
42	Sahara Coal Co., No. 10	11	Eldorado	335,957	428	167	2,012	45
49	Sahara Coal Co., No. 12	11	Harrisburg	305,655	396	163	1,875	48
79	St. Louis Coal Co.	9	Coulterville	127,470	191	116	1,009	75
30	St. Louis & O'Fallon Coal Co., No. 2	8	East St. Louis	420,774	510	162	2,597	35
65	Sangamon Coal Co., No. 2	4	Springfield	193,931	350	152	1,275	68
101	Service Coal Co.	8	Belleville	71,941	95	215	1,335	122
52	Seymour Coal Co.	12	Herrin	286,363	283	247	1,159	74
102	Shuler Coal Mining Co.	138	Alpha	69,649	138	150	404	109
72	Southern Coal, Coke & Mining Co., No. 7	123	Belleville	151,779	123	176	862	82
73	Southern Coal, Coke & Mining Co., No. 9	262	New Baden	149,092	262	171	872	81
155	Spillertown Mining Co.	20	Johnston City	9,252	20	153	60	156
131	Stiers Bros. Construction Co.	7	Moro	28,109	24	107	263	134
149	Sunnyside Coal Co.	3	Cuba	11,743	28	217	54	157
20	Superior Coal Co., No. 1	6	Gillespie	662,606	565	224	2,958	28
16	Superior Coal Co., No. 2	6	Gillespie	726,125	645	235	3,090	25
17	Superior Coal Co., No. 3	6	Gillespie	721,033	685	228	3,162	24
97	Superior Coal Co., No. 4	6	Gillespie	76,684	339	61	1,257	70
100	Sutton Coal Co., W. G. No. 2	2	Minonk	72,771	222	165	441	111
154	Swords, George	3	Canton	9,440	6	282	33	167
169	Talbot Coalery Co.	9	DuQuoin	1,940	6	48	40	163
161	Tamara Coal Co.	9	Tamara	3,980	10	160	25	169
107	Tilton Mining Co.	5	Danville	59,037	77	182	324	123
38	Truax-Tracer Coal Co.	3	St. David	360,907	90	174	2,074	42
58	Truax-Tracer Coal Co., No. 1	9	Elkville	246,864	150	116	2,128	40
37	Truax-Tracer Coal Co., No. 2	9	DeSoto	365,921	120	165	2,218	38
127	Ubben Coal Co.	2	Pekin	33,764	58	165	205	141
74	Union Coal Co.	1	Peru	136,184	258	230	577	97
12	Union Colliery Co.	3	Dowell	863,238	540	186	4,651	8
41	United Electric Coal Co., No. 9	99	Cuba	336,818	99	162	2,079	41
7	United Electric Coal Co., No. 11	217	DuQuoin	921,366	217	184	5,007	6
143	United Electric Coal Co., No. 12	5	Danville	15,991	56	19	840	85
172	United Electric Coal Co., No. 13	28	Frederic	318	28	1	318	126
3	United States Fuel Co., "Bun"	5	Georgetown	1,009,404	1,581	180	5,608	4
10	Valier Coal Co., No. 1	10	Valier	878,163	516	133	6,603	2
95	Vinegar Hill Coal Co.	8	Lenzburg	78,974	65	145	489	108
114	Virdeen Coal Co.	6	Virdeen	48,565	158	119	408	116
85	Wallace Coal Co.	12	Marion	94,105	37	229	411	114
31	Wasson Coal Co., No. 1	11	Harrisburg	400,910	578	142	2,823	31
63	West Frankfort Coal Corp., No. 21	337	West Frankfort	197,467	337	168	1,175	124
140	Whip-Poor-Will Coal & Mining Co.	10	Cutler	17,524	113	55	319	73
104	White Coal Co.	8	Belleville	66,481	87	177	376	118
137	Winkle Coal Co.	9	Swanwick	19,676	95	87	226	138
Total				38,655,527	40,943	a	262,963	

TABLE 12—OUTPUT OF SHIPPING MINES

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
HENRY COUNTY—FIRST DISTRICT.											
1	Midland Electric Coal Corp.	No. 1	Atkinson	26	49,310	24	44,896	27	56,602	24	44,226
2	Schuler Coal Mining Co.		Alpha	23	11,047	24	11,514	25	12,242	9	4,270
	Total and average			25	60,357	24	56,410	26	68,844	17	48,496
LA SALLE COUNTY—FIRST DISTRICT.											
1	Union Coal Co.		Peru	22	13,315	20	12,120	22	13,778	19	11,085
2	Illinois Zinc Co.	No. 3	Peru	22	7,490	20	6,889	19	6,704	6	1,640
3	Buffalo Rock Coal Co.		Ottawa								
	Total and average			22	20,805	20	19,009	21	20,482	13	12,725
PUTNAM COUNTY—FIRST DISTRICT.											
1	Prairie State Coal Co.		Granville	19	18,226	15	14,087	8	7,524		
WILL COUNTY—FIRST DISTRICT.											
1	Northern Illinois Coal Corp.	No. 10	Wilmington	26	95,747	24	92,213	27	92,660	23	78,278
PEORIA COUNTY—SECOND DISTRICT.											
1	Crescent Mining Co.	No. 6	Peoria	22	81,394	20	75,119	22	81,053	18	59,890
2	Crescent Mining Co.	No. 1	Peoria	22	31,726	20	30,828	22	34,399	17	24,734
3	Dorthel Coal Co.	No. 1	Hanna City	20	15,512	17	13,636	19	15,599	11	8,124
4	Glenwood Mining Co.	No. 3	Edwards	23	6,730	20	6,880	21	6,495	3	984
	Total and average			22	135,362	19	126,463	21	137,546	12	93,732
TAZEWELL COUNTY—SECOND DISTRICT.											
1	Lake Erie Mining Co.		Peoria	23	15,435	21	15,423	20	16,084	13	9,016
2	Ubben Coal Co.		Pekin	21	5,150	18	4,952	21	4,986	16	1,249
	Total and average			22	20,585	20	20,375	21	21,070	15	10,265
WOODFORD COUNTY—SECOND DISTRICT.											
1	W. G. Sutton Coal Co.		Minonk	22	10,460	20	9,039	22	9,994	7	2,386
2	Roanoke Coal and Tile Co.		Roanoke	23	4,748	20	4,123	22	4,300	5	774
	Total and average			23	15,208	20	13,162	22	14,294	6	3,160
FULTON COUNTY—THIRD DISTRICT.											
1	Midland Electric Coal Corp.	No. 2	Farmington	19	21,062	20	26,267	21	33,955	21	40,170
2	Truax-Traer Coal Co.		St. David	18	39,983	15	31,274	18	38,403	10	20,770
3	United Electric Coal Co.	No. 9	Cuba	22	43,381	16	30,841	18	37,685	9	17,821
4	Dorthel Coal Co.	No. 3	Farmington	15	14,353	17	16,116	18	17,266	8	6,680
5	Blakely Coal Co.		Canton	26	6,101	23	6,076	26	6,018	12	2,263
6	Pschirrer and Sons.		Canton	16	6,808	15	6,632	15	6,454	8	2,701
7	Illinois Colliery Co.		Farmington	16	6,253	15	5,471	15	5,432	4	1,414
8	Canton Coal Co.		Canton	8	7,510	9	6,589	10	7,341	5	3,244
9	Dorthel Coal Co.	No. 2	Farmington								
10	Sunnyside Coal Co.		Cuba	25	1,154	23	1,088	26	1,392	8	324
11	Golden Rule Coal Co.		Middle Grove	27	1,028	24	1,038	23	1,086	21	778
12	George Swords		Canton	26	755	24	702	26	511	24	666
13	E. A. Reed Coal Co.		Canton	15	462	20	454	11	201	23	567
14	Living and Smith		Peoria							20	581
	Total and average			19	148,850	18	132,548	19	155,744	13	97,979
KNOX COUNTY—THIRD DISTRICT.											
1	Galesburg Mining Co.		Galesburg	20	31,336	18	27,826	21	32,519	18	23,374

AND DAYS WORKED EACH MONTH IN 1934.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
20	35,065	22	38,025	21	36,599	21	38,749	20	37,124	26	43,616	24	34,705	24	31,051	279	489,968	1
2	1,099							13	4,097	14	6,110	16	7,951	24	11,319	150	69,649	2
11	36,164	22	38,025	21	36,599	21	38,749	17	41,221	20	49,726	20	42,656	24	42,370	215	559,617	
16	9,559	16	9,502	19	11,165	18	8,687	21	10,769	21	10,098	20	12,527	22	13,579	236	136,184	1
										22	5,031	20	5,218	21	5,937	130	38,909	2
								20	1,771	21	3,127	25	4,261	24	5,555	90	14,714	3
16	9,559	16	9,502	19	11,165	18	8,687	21	12,540	21	18,256	22	22,006	22	25,071	152	189,807	
										8	4,542	20	15,998	22	20,536	92	80,913	1
19	68,450	20	61,937	24	71,632	20	65,644	24	70,589	27	84,973	24	76,616	25	88,062	283	946,801	1
19	61,653	22	66,276	23	73,039	16	52,292	15	47,928	21	67,359	17	51,373	22	67,716	237	785,092	1
9	14,167					16	22,596	14	23,692	20	35,504	18	34,895	22	43,285	180	295,886	2
8	5,601					13	7,564	18	13,705	23	15,021	17	11,277	21	14,445	167	120,484	3
8	1,232	5	871			16	2,991	15	3,891	17	5,385	21	7,184	22	9,059	171	51,702	4
11	82,653	14	67,147	23	73,039	15	85,443	16	89,216	20	123,329	18	104,729	22	134,505	189	1,253,164	
15	11,000	17	13,029	12	8,900	17	13,524	19	19,311	16	16,675	17	18,034	22	22,320	212	178,751	1
5	233					8	1,087	17	3,208	18	3,657	19	3,980	22	5,262	165	33,764	2
10	11,233	17	13,029	12	8,900	13	14,611	18	22,519	17	20,332	18	22,014	22	27,582	189	212,515	
						18	7,066	18	7,966	17	7,592	19	8,677	22	9,591	165	72,771	1
						19		19	2,881	23	4,507	20	4,282	22	4,874	154	30,489	2
						18	7,066	19	10,847	20	12,099	20	12,959	22	14,465	160	103,260	
20	36,680	23	39,029	25	38,733	25	37,009	24	29,415	27	46,729	24	43,929	25	40,751	274	433,729	1
9	18,915	10	21,881	12	24,734	13	25,898	13	25,974	15	32,511	19	38,718	22	41,846	174	360,907	2
6	14,269	10	15,278	6	13,519	7	15,814	13	28,925	15	33,735	19	42,881	21	42,669	162	336,818	3
12	9,709	11	8,909	16	13,748	23	19,411	16	13,773	20	16,059	15	12,360	21	16,827	192	165,211	4
10	1,823			14	1,293	15	2,616	16	1,896	15	3,517	25	5,152	24	9,836	206	46,591	5
8	133	6	595	7	369	5	1,134	7	3,063	12	5,683	11	4,780	15	7,035	125	45,387	6
2	733	2	728	3	871	5	1,628	8	2,876	8	2,899	12	4,656	22	7,692	112	40,653	7
3	2,193	2	1,383	5	3,538			3	2,764	1	1,343					46	35,905	8
								18		2,992	15	5,492	21	10,383	54	18,867	9	
10	350	8	296	12	452	15	702	23	962	20	1,009	22	1,244	25	2,770	217	11,743	10
21	825	23	996	23	981	21	1,050	22	915	22	940	21	1,000	21	965	269	11,602	11
23	969	22	720	24	877	20	900	25	718	21	1,048	23	877	24	697	282	9,440	12
10	385	14	413	9	200	9	295	16	483	25	878	20	692	23	716	195	5,746	13
26	1,087	18	566							8	479	9	432	14	664	95	3,809	14
12	88,071	12	90,794	13	99,315	14	106,457	16	111,764	16	149,822	18	162,213	21	182,851	172	1,526,408	
14	18,965	12	16,905	15	20,307	19	24,916	22	28,109	24	30,997	19	25,303	23	31,194	225	311,751	1

TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
CHRISTIAN COUNTY—FOURTH DISTRICT.											
1	Peabody Coal Co.	No. 9	Taylorville	23	94,632	19	88,896	18	84,489	13	55,636
2	Peabody Coal Co.	No. 7	Kincaid	23	96,226	20	89,118	17	79,856	13	55,757
3	Peabody Coal Co.	No. 8	Tovey	22	74,604	21	75,372	16	62,053	12	43,939
4	Peabody Coal Co.	No. 58	Taylorville	23	74,422	20	65,521	22	73,992	18	54,819
5	Pana Coal Co.	No. 1	Pana	22	16,293	18	15,256	21	16,365	11	8,760
6	Penwell Coal Mining Co.		Pana	10	17,988	9	15,719	7	14,405	2	3,075
Total and average				21	374,165	18	349,882	17	331,160	12	221,986
SANGAMON COUNTY—FOURTH DISTRICT.											
1	Central Illinois Coal Mining Co.	"A"	Springfield	18	30,560	18	31,063	21	37,232	19	30,125
2	Peabody Coal Co.	No. 59	Springfield	23	41,025	11	20,393	16	33,010	5	9,580
3	Peabody Coal Co.	No. 57	Springfield	23	40,706	18	34,560	18	32,922	14	25,485
4	Mine B Coal Co.		Springfield	14	31,824	14	31,747	17	40,717	10	21,919
5	Panther Creek Mines, Inc.	No. 4	Springfield	11	20,111	12	22,288	17	30,312	18	31,414
6	Peabody Coal Co.	No. 53	Springfield	22	40,762	11	22,125	18	36,022	11	19,396
7	Sangamon Coal Co.	No. 2	Springfield	22	29,766	20	28,562	22	29,862	13	16,790
8	Panther Creek Mines, Inc.	No. 5	Springfield	14	22,028	14	22,683	15	24,678		
9	Jefferson Coal Mining Co.	No. 81	Springfield	22	9,140	24	9,338	25	9,447	13	5,336
10	Peabody Coal Co.	No. 51	Springfield	21	28,708	12	18,633	2	3,096		
Total and average				19	294,630	15	241,392	17	277,298	13	160,045
MACON COUNTY—FIFTH DISTRICT.											
1	Macon County Coal Co.		Decatur	26	23,825	24	21,390	26	23,773	18	7,120
VERMILION COUNTY—FIFTH DISTRICT.											
1	United States Fuel Co.	Bun	Georgetown	14	87,766	17	106,093	18	112,301	19	102,930
2	Peabody Coal Co.	No. 24	Danville	19	61,175	19	61,120	20	64,562	11	32,237
3	Tilton Mining Co.		Danville	16	6,598	17	6,612	20	7,962	17	5,301
4	Oakwood Coal Co.		Oakwood	22	1,349	21	3,336	18	2,888	5	594
5	Coal Stripping Co.	No. 2	Danville								
6	United Electric Coal Co.	No. 12	Danville	5	5,127	1	612	8	6,954		
Total and average				15	162,015	15	177,773	17	194,667	13	141,062
MACOUPIN COUNTY—SIXTH DISTRICT.											
1	Consolidated Coal Co. of St. Louis	No. 15	Mt. Olive	23	99,103	22	94,943	25	108,870	16	58,095
2	Superior Coal Co.	No. 2	Gillespie	19	63,723	20	68,002	23	79,020	15	43,387
3	Superior Coal Co.	No. 3	Gillespie	19	65,188	17	58,460	18	62,074	22	65,608
4	Superior Coal Co.	No. 1	Gillespie	21	68,174	19	61,030	20	63,365	16	46,917
5	Gillespie Coal Co.		Gillespie	24	31,705	24	30,692	27	35,142	12	12,660
6	Superior Coal Co.	No. 4	Gillespie								
7	Viriden Coal Co.		Viriden	19	8,663	18	8,215	18	7,515	4	1,484
8	Mt. Olive Coal Co.		Mt. Olive								
Total and average				21	336,556	20	321,342	22	355,986	14	228,151
MONTGOMERY COUNTY—SIXTH DISTRICT.											
1	Indiana and Illinois Coal Corp.		Nokomis	21	47,807	18	44,459	21	54,435	9	20,476
2	Hillsboro Coal Co.	No. 1	Hillsboro	24	24,650	24	26,663	26	28,477	10	9,294
Total and average				23	72,457	21	71,122	24	82,912	10	29,770
SHELBY COUNTY—SIXTH DISTRICT.											
1	Erie Sootless Coal Co.		Moweaqua	23	3,835	21	3,324	14	2,653		

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
21	93,374	21	97,497	21	99,458	21	101,716	23	110,777	19	90,085	22	100,194	221	1,016,754	1		1
2	7,730	22	96,905	22	96,362	18	79,592	21	93,747	23	105,618	20	90,236	21	94,975	222	986,122	2
21	77,234	22	81,152	23	92,089	20	81,740	23	97,026	19	82,943	22	96,654	221	864,806	3		3
18	56,534	17	54,228	22	68,051	21	65,950	19	61,749	23	74,864	21	65,904	22	71,469	246	787,503	4
8	4,227	12	6,515	5	3,177	8	5,064	19	12,727	20	13,630	15	10,957	20	14,211	179	127,182	5
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14	239,099	18	255,145	18	248,742	18	342,153	20	351,679	19	406,837	17	348,149	19	391,709	189	3,860,706	
13	21,979	13	21,411	15	23,573	15	24,304	17	27,939	17	27,866	15	24,548	22	35,269	203	335,869	1
1	1,570	9	15,420	17	33,158	13	25,375	18	36,870	14	29,084	11	23,896	18	38,629	156	308,010	2
14	26,342	7	13,036	15	27,663	10	19,700	7	13,766	8	16,234	9	15,703	19	36,240	162	302,357	3
6	12,418	6	11,585	7	13,654	7	13,494	10	20,224	11	22,437	13	23,006	19	38,848	132	281,873	4
12	20,589	8	14,096	10	17,024	12	21,423	9	15,565	10	14,137	13	22,473	18	31,547	150	260,979	5
5	8,836	---	---	---	---	---	---	13	21,297	14	25,273	15	27,655	20	36,876	129	238,242	6
7	6,406	---	---	---	---	2	1,391	14	17,322	12	15,223	18	20,517	22	28,092	152	193,931	7
---	---	---	---	---	---	---	---	7	7,001	12	16,317	11	16,461	17	24,939	90	134,107	8
15	5,776	16	7,346	16	7,279	18	8,217	17	8,141	19	7,333	19	7,404	12	5,361	216	90,118	9
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9	103,916	10	82,894	13	122,351	11	113,904	13	168,125	13	173,904	14	181,663	19	275,801	143	2,195,923	
5	2,626	10	3,876	13	4,226	15	5,506	24	16,434	24	12,171	23	20,332	24	23,122	232	164,401	1
17	89,258	14	74,275	11	57,914	13	71,020	10	55,194	14	76,673	15	79,647	18	96,333	180	1,009,404	1
6	17,180	13	37,241	11	31,423	11	31,905	13	38,145	16	46,664	22	63,313	22	62,066	183	547,031	2
8	2,481	11	3,300	12	3,637	17	5,198	13	3,986	12	3,688	18	4,288	21	5,986	182	59,037	3
12	1,871	9	1,150	8	1,119	14	1,869	16	1,903	16	1,864	21	2,370	25	3,616	187	23,929	4
5	3,268	---	---	---	---	8	699	9	1,829	16	4,950	17	5,178	25	7,586	75	20,242	5
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10	114,058	12	115,966	10	94,093	13	110,691	12	101,057	15	133,839	19	154,796	24	175,587	138	1,675,604	
10	36,724	10	36,205	12	43,275	15	54,322	14	50,225	17	60,071	18	64,637	23	82,972	205	789,442	1
17	48,342	14	40,466	19	56,540	24	71,681	23	68,830	20	59,181	21	64,469	20	62,484	235	726,125	2
16	49,131	13	38,693	24	72,498	17	51,325	23	70,325	26	83,074	17	53,616	16	51,041	228	721,033	3
16	46,552	17	48,439	18	51,027	21	60,308	17	48,643	20	56,390	19	54,490	20	57,271	224	662,606	4
19	22,153	22	26,098	20	23,199	23	26,491	24	27,403	26	29,507	24	26,792	24	27,024	269	318,866	5
2	229	1	195	1	345	3	992	12	4,341	9	3,532	12	4,701	20	8,353	119	48,565	7
---	---	---	---	---	---	---	---	---	---	6	3,674	6	4,897	11	9,879	23	18,450	8
13	203,131	13	190,096	16	246,884	17	265,119	19	269,767	18	312,272	18	304,806	19	327,661	171	3,361,771	
7	16,683	7	16,485	6	13,962	7	16,866	10	26,427	11	27,657	11	29,654	17	44,001	145	358,912	1
11	8,792	9	7,323	15	12,368	11	8,622	15	12,449	18	14,849	20	16,679	25	20,593	208	190,759	2
9	25,475	8	23,808	11	26,330	9	25,488	13	38,876	15	42,506	16	46,333	21	64,594	177	549,671	
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TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
BOND COUNTY—SEVENTH DISTRICT.											
1	Illinois Pocahontas Coal Co.		Pocahontas								
MADISON COUNTY—SEVENTH DISTRICT.											
1	Mt. Olive and Staunton Coal Co.	No. 2	Staunton	15	38,007	24	63,082	26	71,041	22	54,297
2	Lumaghi Coal Co.	No. 2	Collinsville	19	41,392	19	41,987	17	38,189	11	14,818
3	Livingston-Mt. Olive Coal Co.	No. 1	Livingston	19	24,823	18	23,456	20	26,968	8	9,859
4	Madison County Coal & Mining Co.		Edwardsville	19	19,029	14	14,558	10	10,211		
5	Chicopee Coal Co.		Troy	7	5,175	11	6,618	4	2,576	1	449
6	Stiers Bros. Construction Co.		Moro					8	909	8	1,468
7	Bullock Mining Co.		Collinsville								
	Total and average			16	128,426	17	149,701	14	149,894	10	80,891
MARION COUNTY—SEVENTH DISTRICT.											
1	Marion County Coal Co.		Centralia	17	30,697	16	29,220	19	34,778	10	16,590
2	Odin Coal Co.		Odin	13	8,968	15	8,611	10	5,961		
	Total and average			15	39,665	16	37,831	15	40,739	10	16,590
CLINTON COUNTY—EIGHTH DISTRICT.											
1	Southern Coal, Coke & Mining Co.	No. 9	New Baden	23	27,295	20	23,755	22	28,873	2	2,452
2	Citizens Coal Co.	"E"	Breese	19	7,649	21	8,717	17	6,533	9	3,164
3	Beckemeyer Coal Co.		Beckemeyer	20	5,340	21	7,462	19	6,408	3	831
	Total and average			21	40,284	21	39,934	19	41,814	5	6,447
ST. CLAIR COUNTY—EIGHTH DISTRICT.											
1	St. Louis and O'Fallon Coal Co.	No. 2	East St. Louis	15	43,349	19	52,860	22	56,626	8	19,559
2	Perry Coal Co.	St. Ellen	O'Fallon	24	38,597	20	30,153	27	41,937	17	24,357
3	Southern Coal, Coke & Mining Co.	No. 7	Belleville	23	23,058	20	19,815	22	21,505	6	5,313
4	Gundlach Coal Co.		East St. Louis	15	12,095	15	12,411	21	17,852	11	8,747
5	Groom Coal Co.		Belleville	21	12,187	19	12,050	16	7,962	6	2,966
6	Prairie Coal Co.		Belleville	14	11,060	15	11,772	9	6,666	1	1,552
7	Perry Coal Co.	Carbon	O'Fallon	26	16,041	24	14,508	26	15,929		
8	Vinegar Hill Coal Co.		Lenzburg	22	13,157	20	11,891	22	12,266	9	4,589
9	Golden Rule Coal Co.		Lenzburg	23	12,064	19	9,260	23	11,219	10	4,261
10	Service Coal Co.		Belleville	26	10,961	24	10,419	27	10,376	14	3,546
11	Mulberry Hill Coal Co.		Freeburg	18	9,604	19	12,371	19	11,285	2	1,066
12	White Coal Co.		Belleville	25	10,070	24	11,772	24	8,510	10	2,481
13	O. K. Coal Co.		Marissa	15	7,099	16	10,245	13	8,442	6	3,450
14	Gill Coal Co.		Marissa	19	10,435	21	11,575	22	12,335	2	902
15	Freeburg Coal Co.		Freeburg	24	6,296	23	6,640	25	6,361	1	139
16	Rentschler Coal & Mining Co.		Belleville	24	5,539	23	5,407	20	4,749	4	402
17	Quality Coal and Mining Co.		Belleville	19	6,603	18	6,956	15	5,344	2	787
18	Guest Coal Co.		Belleville	21	6,628	24	8,109	18	5,650	1	254
19	Eldnar Coal Co.		Belleville	21	4,178	16	3,150	14	2,500		
20	Lenzburg Coal Co.		Lenzburg	18	6,108	18	5,837	18	6,131	1	308
21	Jones Bros. Coal Mining Co.	No. 1	Marissa	10	2,061	9	1,979				
22	United Electric Coal Co.	No. 23	Freeburg								
	Total and average			20	267,190	19	269,180	20	273,645	6	84,679
JACKSON COUNTY—NINTH DISTRICT.											
1	Union Colliery Co.		Dowell	17	82,284	16	74,406	18	90,037	11	47,246
2	Truax-Traer Coal Co.	No. 2	Elkville	15	39,523	12	30,259	16	39,420	9	21,697
3	Truax-Traer Coal Co.	No. 1	Elkville	8	18,107	10	20,918	5	11,373	5	13,209
4	Peacock Coal Co.	No. 1	Hurst	10	184	20	244	6	124	4	83
	Total and average			13	140,098	15	125,827	11	140,954	7	82,235

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
								14	6,160	12	5,959	13	6,062	19	10,431	58	28,612	1
17	41,864	13	33,416	11	28,264	16	40,215	16	40,146	19	52,155	22	57,667	24	64,072	225	584,226	1
12	12,658	11	12,844	13	15,202	20	32,104	23	38,906	20	39,685	19	40,390	21	44,831	205	373,006	2
7	8,661	8	10,277	6	8,120	6	7,755	10	12,451	11	12,531	13	15,521	16	20,072	142	189,524	3
							1,347	15	14,561	15	15,360	12	13,641	20	22,090	110	110,797	4
1	360	2	639	2	531	6	2,305	16	7,740	15	7,339	13	6,746	21	9,486	99	49,964	5
11	3,201	12	3,116	12	3,130	14	4,334	8	1,952	7	2,353	10	3,066	17	4,580	107	28,109	6
								15	1,730	23	3,951	22	4,587	25	5,619	85	15,887	7
10	66,744	9	60,292	9	55,247	11	88,060	15	117,516	16	133,374	16	141,618	21	170,750	139	1,342,513	
8	12,921					10	15,320	12	19,756	14	22,642	17	27,028	20	32,626	143	241,578	1
						8	4,169	10	6,412	8	5,162	8	4,728	12	7,173	84	51,184	2
8	12,921					9	19,489	11	26,168	11	27,804	13	31,756	16	39,799	114	292,762	
9	1,769	23	4,589	15	2,956	7	1,388	10	6,530	8	8,763	12	14,665	20	26,057	171	149,092	1
4	1,576	10	4,326	11	4,755	16	6,920	21	8,738	20	8,360	20	8,305	22	10,196	190	79,239	2
4	764	6	1,087	11	1,819	17	3,718	21	4,580	26	7,473	22	6,715	24	9,722	194	55,919	3
6	4,109	13	10,002	12	9,530	13	12,026	17	19,848	18	24,596	18	29,685	22	45,975	185	284,250	
11	27,184	8	19,910	13	33,259	10	25,897	13	33,087	14	35,232	13	33,974	16	39,837	162	420,774	1
16	20,764	19	24,801	22	27,834	26	32,102	23	29,161	24	33,876	24	32,711	25	34,399	267	370,692	2
				13	7,015	16	10,211	19	14,039	17	13,987	19	17,194	21	19,642	176	151,779	3
9	6,899	11	8,851	11	8,779	12	10,063	12	9,913	13	10,637	16	13,426	19	15,239	165	134,932	4
5	2,578	5	2,766	8	2,821	20	5,585	22	9,864	27	9,766	24	9,886	25	12,508	198	90,939	5
				1	768	8	5,932	14	9,877	12	9,034	13	10,395	20	17,907	107	84,963	6
								15	7,700	11	6,222	17	9,250	25	13,417	144	83,067	7
6	2,923	3	1,430	7	3,237	8	4,005	10	5,221	10	5,382	11	5,892	17	8,981	145	78,974	8
6	2,748	7	3,338	7	3,400	7	3,323	9	4,288	10	4,801	11	5,925	19	9,429	151	74,056	9
4	943			11	1,980	12	2,603	21	6,152	27	6,713	24	8,438	25	9,810	215	71,941	10
				4	826	12	3,287	14	5,968	13	5,874	14	6,866	18	9,775	133	66,922	11
5	1,986							13	4,007	27	7,636	24	8,872	25	11,147	177	66,481	12
7	4,375	4	2,239	4	2,260	5	2,949	7	3,802	5	3,304	8	4,750	13	10,745	103	63,660	13
								4	1,290	6	2,791	11	5,262	21	10,143	106	54,733	14
3	600					10	1,786	25	6,659	25	6,354	23	5,340	24	6,625	183	46,800	15
		3	386	19	4,600	19	4,059	16	3,308	20	4,841	21	5,675	25	6,471	194	45,437	16
1	145							20	3,149	21	4,298	18	5,659	22	8,043	136	40,984	17
						2	511	11	3,004	14	3,454	18	4,173	23	6,390	132	38,203	18
				3	550	17	2,550	17	4,354	21	5,704	9	2,300	10	2,100	128	27,386	19
						6	1,656	9	2,525	3	901	5	1,440	6	1,777	84	26,683	20
																19	4,040	21
								1	318							1	318	22
7	71,145	8	63,721	9	97,329	12	116,519	14	167,686	16	180,837	16	197,428	20	254,385	142	2,043,764	
15	69,508	18	79,646	17	78,636	20	96,743	16	72,561	15	69,451	12	52,739	11	49,991	186	863,248	1
15	36,944	10	25,392	11	19,675	14	27,836	14	29,646	15	33,441	19	32,949	15	29,136	165	365,921	2
		9	20,765	8	18,523	8	18,590	11	23,314	11	23,884	19	37,939	22	40,242	116	246,864	3
10	413	18	502	7	120		160	12	293	15	396	20	393	11	123	143	3,035	4
13	106,865	14	126,305	11	116,957	13	143,329	13	125,814	14	127,172	18	124,020	15	119,492	153	1,479,068	

TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.								
				January.		February.		March.		April.		
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
PERRY COUNTY—NINTH DISTRICT.												
1	Pyramid Coal Corp.		Pinckneyville.	19	85,473	18	86,008	17	81,591	17	75,015	
2	United Electric Coal Co.	No. 11.	DuQuoin.	16	89,298	15	84,797	16	88,323	14	77,021	
3	Coal Stripping Co.	No. 1.	Pinckneyville.	16	35,284	18	42,675	15	39,361	12	26,216	
4	Crerar-Clinch Coal Co.	No. 14.	DuQuoin.	8	32,513	8	33,256	7	29,130	5	17,326	
5	Coulterville Coal Co.		Coulterville.	20	13,016	21	13,510	27	19,062	9	5,954	
6	Cutler Coal Co., Inc.		Cutler.	13	12,332	17	10,639	22	15,922	9	5,600	
7	Perfection Coal Co.		DuQuoin.	11	11,093	12	11,609	10	9,893	5	4,328	
8	Crerar-Clinch Coal Co.	No. 15.	DuQuoin.									
9	Winkle Coal Co.		Swanwick.	19	5,192	24	4,583	26	5,753	12	2,797	
10	Whip-Poor-Will Coal & Mining Co.	No. 44.	Cutler.									
11	Briar Hill Coal Mining Co.	No. 45.	Pinckneyville.	10	5,151	12	5,683	3	2,280			
12	Beaucoup Coal Co.		Pinckneyville.	20	1,646	19	1,282	18	1,267	12	1,077	
13	Ring Coal Co.		Cutler.	23	1,100	24	1,000	21	1,200	12	800	
14	Home Coal Co.		Willitsville.	13	1,397	14	1,489	11	1,324	6	667	
15	Bailey Bros. Coal Co.		DuQuoin.	18	639	18	653	14	520	2	41	
16	Tamaroa Coal Co.		Tamaroa.	18	430	17	415	25	610	7	170	
17	Bibby Coal Co.		Pinckneyville.	15	590	11	373	12	275	4	73	
18	Talbot Coalery Co.		DuQuoin.									
19	Conant Coal Co.		Conant.									
20	Imperial Coal Co.		Tamaroa.									
Total and average.				16	295,154	17	297,972	16	296,511	8	217,085	
RANDOLPH COUNTY—NINTH DISTRICT.												
1	Moffat Coal Co.		Sparta.	9	25,752	8	23,106	9	26,162	9	22,988	
2	St. Louis Coal Co.		Coulterville.	16	17,622	14	15,547	17	20,515	5	5,373	
3	Jones Bros. Coal Mining Co.	No. 2.	Marissa.	11	5,415	10	4,985	8	4,042	2	1,086	
4	Illmo Coal Co.		Sparta.	20	3,223	18	2,819	12	2,505	20	2,002	
Total and average.				14	52,012	13	46,457	12	53,224	9	31,449	
WASHINGTON COUNTY—NINTH DISTRICT.												
1	Centralia Coal Co.	No. 5.	Centralia.	10	18,731	10	19,015	11	20,810	6	10,317	
2	Clarkson Coal & Mining Co.		Nashville.	21	9,951	20	8,006	21	9,377	12	4,691	
3	Bois Coal Co.		DuBois.									
Total and average.				16	28,682	15	27,021	16	30,187	9	15,008	
FRANKLIN COUNTY—TENTH DISTRICT.												
1	Chicago, Wilmington & Franklin Coal Co.	No. 2.	West Frankfort.	16	147,563	11	106,307	13	128,394	8	70,243	
2	Bell & Zoller Coal & Mining Co.	No. 2.	Zeigler.	13	82,330	15	95,935	9	56,734	9	51,173	
3	Bell & Zoller Coal & Mining Co.	No. 1.	Zeigler.	16	94,723	11	64,724	17	102,674	11	56,734	
4	Valier Coal Co.	No. 1.	Valier.	11	72,833	10	69,012	13	88,175	10	62,238	
5	Old Ben Coal Corp.	No. 8.	West Frankfort.	13	62,953	11	56,555	13	63,970	8	32,040	
6	Old Ben Coal Corp.	No. 15.	Ezra.	15	64,064	16	68,028	16	68,417	9	26,305	
7	Chicago, Wilmington & Franklin Coal Co.	No. 1.	Orient.	10	46,905	14	67,842	13	63,548	6	25,975	
8	Franklin County Coal Co., Inc.	No. 7.	Royalton.	13	42,401	14	45,859	18	52,529	12	32,411	
9	Franklin County Coal Co., Inc.	No. 5.	Herrin.	18	59,199	17	55,061	18	60,183	5	15,891	
10	Peabody Coal Co.	No. 19.	West Frankfort.	13	37,225	14	39,206	15	43,617	9	23,405	
11	West Frankfort Coal Co.	No. 21.	West Frankfort.	16	13,507	15	16,272	16	18,167	6	7,229	
12	Brewerton Coal Co.	No. 22.	Sesser.	12	23,850	10	18,331	11	21,727	8	14,541	
13	Franklin Mining Co.		Benton.	15	18,548	15	17,419	21	25,722	11	13,816	
14	Old Ben Coal Corp.	No. 14.	Buckner.									
15	Peabody Coal Co.	No. 18.	West Frankfort.	7	21,876	5	13,607	6	18,114			
Total and average.				13	788,027	13	734,158	14	811,971	9	432,001	

Continued.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
18	79,386	18	78,081	16	68,902	15	66,216	16	67,358	18	76,957	14	64,013	22	94,001	208	923,001	1
11	62,214	11	56,118	13	64,380	17	68,673	17	68,411	17	83,690	16	70,469	21	107,972	184	921,366	2
9	19,850	14	25,207	18	30,141	14	22,793	18	29,296	18	32,515	17	33,602	16	35,202	185	372,142	3
4	14,006	4	13,358	5	17,719	7	24,417	8	29,516	10	34,394	10	34,842	15	51,749	91	332,226	4
9	6,021	9	5,834	10	6,481	12	7,348	22	13,845	18	11,628	16	10,294	20	14,977	193	127,970	5
8	4,659	10	6,613	9	4,376	13	8,038	12	7,542	12	7,899	13	7,962	19	12,089	163	103,671	6
5	4,344	4	3,161	5	4,359	4	4,228	6	5,572	7	6,594	8	7,641	11	10,952	88	83,774	7
6	1,351	5	6,000	3	4,500	2	3,600	3	4,000	3	4,800	4	5,700	12	17,000	32	45,600	8
																87	19,676	9
								11	1,679	15	3,662	14	5,321	15	6,862	55	17,524	10
15	1,110	10	1,043	10	840	16	1,328	17	1,250	23	1,718	2	590	7	3,337	34	17,041	11
16	1,200	3	300	12	800	7	600	17	1,600	14	1,400	20	1,731	21	1,827	201	16,119	12
		2	251	4	501	8	800	7	789	8	889	8	1,400	20	1,400	189	12,800	13
1	21	7	230	5	183	9	312	12	482	13	493	14	879	10	1,184	91	10,170	14
7	180	3	70	8	190	6	160	25	640	11	280	14	541	20	815	133	4,930	15
1	12	1	36	1	58	1	90	6	312	14	348	14	350	19	485	160	3,980	16
										13	342	16	417	11	589	91	3,173	17
		5	111	17	398	10	218	22	450	14	300	17	626	19	972	48	1,940	18
										10	490	5	300	24	150	109	1,927	19
													252			15	742	20
7	194,354	7	196,413	9	203,828	9	208,821	13	232,742	13	268,399	13	246,930	17	361,563	118	3,019,772	
9	22,417	8	20,983	6	15,163	5	12,477	7	17,810	9	21,831	7	18,719	9	24,025	95	251,433	1
6	6,358	4	4,086	5	5,191	5	5,372	8	8,664	9	9,726	12	12,972	15	16,044	116	127,470	2
3	1,796	2	956	1	700	3	1,859	3	1,495	5	2,388	7	3,606	12	6,902	67	35,230	3
14	1,572	18	824	18	865	10	520	18	1,905	20	2,260	11	814	16	1,754	195	21,063	4
8	32,143	8	26,849	8	21,919	6	20,228	9	29,874	11	36,205	9	36,111	13	48,725	118	435,196	
8	11,811	7	11,430	10	16,645	18	22,052	14	16,427	16	26,519	15	22,746	21	34,373	146	230,876	1
12	4,752	13	4,937	10	3,844	16	6,384	18	7,129	15	5,824	16	6,396	20	7,777	194	79,068	2
								8	320	17	1,795	15	1,735	18	2,115	58	5,965	3
10	16,563	10	16,367	10	20,489	17	28,436	13	23,876	16	34,138	15	30,877	20	44,265	133	315,909	
5	43,304	7	60,896	7	62,056	9	80,838	13	115,716	15	128,259	12	107,786	17	155,257	133	1,206,619	1
16	90,008			17	85,844	13	70,960	15	80,812	16	87,641	14	75,936	21	112,897	158	890,270	2
		17	89,878	1	4,813	14	73,000	21	108,432	16	85,516	17	88,644	22	118,059	103	887,197	3
11	69,659	11	70,973	10	65,419	9	59,396	12	79,848	16	107,848	9	59,635	11	73,077	133	878,163	4
6	23,839	12	50,937	14	51,939	17	72,533	17	71,268	16	66,556	13	56,135	19	79,830	159	688,555	5
7	26,544	11	41,568	16	52,918	19	72,024	18	68,801	16	61,130	15	57,774	18	73,138	176	680,711	6
9	36,833	7	30,424	10	44,873	7	32,232	11	49,081	11	50,556	12	55,204	16	75,702	126	579,235	7
12	31,936	14	37,639	15	38,132	15	42,705	16	47,287	16	47,184	15	42,992	20	58,371	180	519,446	8
						8	18,062	16	45,153	12	34,848	14	42,402	21	61,020	129	391,819	9
5	13,611	7	18,846	7	18,453	10	26,625	14	34,566	14	36,588	12	32,204	19	50,052	139	374,398	10
6	7,127	12	13,272	9	9,871	12	15,850	19	21,947	18	22,590	19	22,905	20	28,730	168	197,467	11
6	9,657	13	23,958	11	20,657	9	17,274	9	19,201	10	19,163	4	7,625			103	195,984	12
13	15,971	14	16,549	9	10,877	10	12,376	8	9,289	11	13,358					127	153,925	13
										2	7,809	10	30,397	11	36,299	23	74,505	14
1	628	1	1,555	10	3,133	9	2,381	1	574							40	61,868	15
7	369,117	10	456,495	10	468,985	12	596,256	14	751,975	14	769,046	13	679,699	18	922,432	130	7,780,162	

TABLE 12—

Number.	Name of operator.	Name, number or letter of shaft.	Post office address of mine.	Number of days in operation and tons of coal mined.							
				January.		February.		March.		April.	
				Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
SALINE COUNTY—ELEVENTH DISTRICT.											
1	Peabody Coal Co.-----	No. 47.	Harco.	15	19,246	17	53,273	15	62,643	5	19,128
2	Wasson Coal Co.-----	No. 1.	Harrisburg.	21	63,690	17	50,225	19	58,856	3	7,503
3	Sahara Coal Co.-----	No. 1.	Harrisburg.	19	60,664	15	46,319	16	49,328	—	—
4	Sahara Coal Co.-----	No. 10.	Eldorado.	21	44,773	14	30,827	15	33,339	3	5,465
5	Rex Coal Co.-----	No. 2.	Eldorado.	19	40,082	17	35,937	21	43,461	11	20,758
6	Sahara Coal Co.-----	No. 12.	Harrisburg.	7	6,936	19	30,232	19	35,076	4	6,580
7	Sahara Coal Co.-----	No. 3.	Harrisburg.	21	53,613	15	40,010	16	43,828	3	6,678
8	Blue Bird Coal Co.-----		Carrier Mills.	17	26,555	16	23,050	20	31,738	17	21,385
Total and average.				18	315,559	16	309,873	18	358,269	7	87,497
WHITE COUNTY—ELEVENTH DISTRICT.											
1	Norris City Coal Mining Co.-----	No. 1.	Norris City.	19	5,737	11	3,458	9	2,642	3	826
WILLIAMSON COUNTY—TWELFTH DISTRICT.											
1	Old Ben Coal Corp.	No. 18.	Johnston City.	11	58,427	10	52,353	13	68,290	7	33,283
2	Consolidated Coal Co. of St. Louis.	No. 7.	Herrin.	11	40,294	12	44,640	12	44,064	10	32,407
3	Seymour Coal Co.		Herrin.	26	19,694	22	20,928	23	23,973	24	22,115
4	Franco Mining Corp.	No. 1.	Johnston City.	15	26,525	10	17,581	13	18,596	10	14,188
5	Freeman Coal Mining Co.		Herrin.	20	8,399	22	15,228	19	20,108	—	—
6	Cartersville Peacock Coal Co.		Harrisburg.	22	13,023	20	13,216	20	13,175	18	10,862
7	Wallace Coal Co.		Marion.	19	7,982	18	7,188	21	9,729	20	8,006
8	Blue Hill Coal Co.		Marion.	19	9,003	18	8,894	19	9,686	15	7,487
9	Carbon Fuel Co.		Marion.	22	4,081	18	3,069	19	3,431	9	1,661
10	City Lake Coal Co.		Herrin.	10	967	8	851	9	1,043	11	1,172
11	Forsyth Cartersville Coal Co.		Cartersville.	—	—	—	—	—	—	—	—
12	Consumers Coal & Materials Co.		Marion.	20	930	21	1,289	20	1,126	12	267
13	Spillertown Mining Co.		Johnston City.	14	706	20	1,023	20	1,040	2	112
14	New Watson Coal Co.	No. 1.	Herrin.	10	450	10	450	10	425	10	400
15	Puritan Coal Co.	No. 1.	Johnston City.	15	750	12	600	9	450	—	—
16	Cartersville Mining & Engineering Co.	No. 1.	Cambria.	—	—	—	—	9	489	—	—
17	Rodney Coal Co.		Herrin.	—	—	—	—	—	—	—	—
18	M. H. Radford.		Marion.	17	295	16	218	18	270	17	124
Total and average.				16	191,526	16	187,528	12	215,895	13	132,084

Concluded.

Number of days in operation and tons of coal mined.

May.		June.		July.		August.		September.		October.		November.		December.		Total.		Number.
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	
4	16,109	5	18,984	6	23,903	10	36,840	11	44,761	9	36,758	9	36,651	19	79,110	125	447,406	1
7	18,453	4	10,063	9	23,314	10	26,345	11	29,728	12	33,529	11	30,453	18	48,751	142	400,910	2
11	21,835	10	19,137	13	24,421	19	37,386	11	21,629	16	43,615	15	39,129	17	44,540	124	352,067	3
8	15,505	7	14,137	8	16,174	11	21,939	11	21,563	13	26,323	15	29,709	19	37,553	160	323,141	4
15	29,154	12	23,035	14	27,349	17	34,172	11	21,907	15	30,214	12	24,712	18	36,268	163	305,635	5
12	28,785	2	5,069							12	24,432	11	26,479	18	43,511	110	272,405	6
14	19,480	13	17,600	18	19,450	14	20,670	14	20,804	12	17,075	15	19,243	15	26,116	185	263,166	7
10	149,321	8	108,025	11	134,611	13	202,079	12	204,007	13	243,690	13	234,720	18	353,036	147	2,700,687	8
--	--	--	--	--	--	9	1,883	15	3,801	18	3,806	14	3,780	18	5,073	116	31,006	9
--	--	--	--	--	--	--	--	15	65,830	10	45,552	12	53,071	15	69,172	93	445,978	10
9	28,945	9	28,770	8	25,643	10	30,697	9	29,613	14	42,752	14	42,020	17	50,792	135	440,637	11
24	20,545	18	17,235	12	14,540	20	28,729	20	28,442	19	29,632	21	33,015	18	27,515	247	286,363	12
7	8,699	12	14,059	14	18,008	12	20,207	14	18,160	16	24,072	15	25,703	21	35,589	159	241,387	13
20	10,304	20	11,643	7	3,418	16	6,040	7	7,205	8	10,057	11	15,161	19	26,108	107	102,266	14
21	8,212	21	8,173	21	8,442	17	6,442	11	4,875	17	6,822	19	7,842	24	10,392	229	94,105	15
11	5,605	14	5,588	12	5,821	13	6,211	16	8,400	18	9,295	14	8,020	18	8,960	187	92,970	16
10	1,849	18	3,481	15	2,684	14	2,677	19	2,994	16	2,630	13	2,006	20	3,593	193	34,156	17
8	880	9	986	13	1,422	10	986	13	1,457	11	1,632	12	1,462	20	1,821	134	14,679	18
12	121	11	119	18	418	16	411	21	1,226	16	6,580	5	2,632	8	3,292	34	13,730	11
2	48	4	206	4	142	9	659	14	1,511	20	1,178	20	969	20	1,339	211	9,678	12
4	500	3	550	25	550	25	350	20	1,039	21	1,409	23	1,533	20	1,335	153	9,252	13
4	200	9	450	7	350	4	200	9	550	20	830	20	500	20	900	177	6,455	14
--	--	21	570	--	--	--	--	--	600	6	124	5	50	6	72	86	3,846	15
--	--	--	--	--	--	--	--	--	21	698	7	1,756	--	--	--	58	3,513	16
16	140	18	295	17	260	16	240	18	914	18	1,260	18	1,256	--	--	49	3,430	17
--	--	--	--	--	--	--	--	--	290	--	--	--	--	--	--	153	2,132	18
11	86,048	13	92,125	13	81,698	14	103,849	14	176,800	15	192,280	15	198,439	18	240,880	143	1,899,152	19

TABLE 13—OUTPUT OF SHIPPING MINES AND DAYS

District.	Number of days in operation and tons of coal mined.											
	January.		February.		March.		April.		May.		June.	
	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
First.....	23	195,135	21	181,719	21	189,510	16	139,499	14	114,173	19	109,464
Second.....	22	171,155	20	160,000	21	172,910	11	107,157	11	93,886	15	80,176
Third.....	19	180,186	19	160,374	19	188,263	14	121,353	12	107,036	12	107,699
Fourth.....	19	668,795	16	591,274	17	608,458	12	382,031	11	343,015	13	338,039
Fifth.....	17	185,840	17	199,163	18	218,440	14	148,182	9	116,684	12	119,842
Sixth.....	21	412,848	20	395,788	21	441,551	13	257,921	12	228,606	12	213,904
Seventh.....	16	168,091	17	187,532	14	190,633	10	97,481	9	79,665	9	60,292
Eighth.....	20	307,474	20	309,114	20	315,459	6	91,126	6	75,254	9	73,723
Ninth.....	15	515,946	15	497,277	15	520,876	9	345,777	9	349,925	9	365,934
Tenth.....	13	788,027	13	734,158	14	811,971	9	432,001	7	369,117	10	456,495
Eleventh.....	18	321,296	16	313,331	17	360,911	6	88,323	10	149,321	8	108,025
Twelfth.....	16	191,526	16	187,528	12	215,895	13	132,084	11	86,048	13	92,125
Total and average..	18	4,106,319	17	3,917,258	17	4,234,877	10	2,342,935	10	2,112,730	11	2,125,718

TABLE 14—SUMMARY BY DISTRICTS—MINES

District.	Total number of mines.		Number of mines working and average days worked each month of the year.											
			January.		February.		March.		April.		May.		June.	
			Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
First.....	7	6	23	6	21	6	21	5	16	4	14	3	19	
Second.....	8	8	22	8	20	8	21	8	11	6	11	3	15	
Third.....	15	13	19	13	19	13	19	14	14	14	12	13	12	
Fourth.....	16	16	19	16	16	16	17	14	12	13	11	10	13	
Fifth.....	7	6	17	6	17	6	18	5	14	6	9	5	12	
Sixth.....	11	9	21	9	20	9	21	8	13	8	12	8	12	
Seventh.....	10	7	16	7	17	8	14	6	10	6	9	5	9	
Eighth.....	25	24	20	24	20	23	20	21	6	14	6	11	9	
Ninth.....	31	25	15	25	15	25	15	24	9	22	9	25	9	
Tenth.....	15	14	13	14	13	14	14	13	9	12	7	12	10	
Eleventh.....	9	9	18	9	16	9	17	8	6	7	10	7	8	
Twelfth.....	18	15	16	15	16	16	12	13	13	13	11	14	13	
Total and average.....	172	152	a18	152	a17	153	a17	139	a10	125	a10	116	a11	

a Average!

WORKED EACH MONTH IN 1934—BY DISTRICTS.

Number of days in operation and tons of coal mined.

July.		August.		September.		October.		November.		December.		Total.	
Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.	Days.	Tons.
21	119,396	20	113,080	20	124,350	20	157,497	21	157,276	23	176,039	180	1,777,138
17	81,939	15	107,120	17	122,582	19	155,760	19	139,702	22	176,552	181	1,568,939
13	119,622	15	131,373	16	139,873	17	180,819	18	187,516	20	214,045	175	1,838,159
15	371,093	14	456,057	15	519,804	15	580,741	14	529,812	19	667,510	160	6,056,629
11	98,319	13	116,197	14	117,491	16	146,010	19	175,128	23	198,709	151	1,840,005
14	273,214	15	290,607	17	308,643	17	354,778	17	351,139	18	392,805	162	3,921,804
9	55,247	11	107,549	14	149,844	14	167,137	15	179,436	20	220,980	126	1,663,887
10	106,859	12	128,545	14	187,534	16	205,453	16	227,113	20	300,360	147	2,328,014
9	363,193	10	400,814	13	412,306	13	465,914	13	437,938	16	574,045	124	5,249,945
10	468,985	12	596,256	14	751,975	14	769,046	13	679,699	18	922,432	130	7,780,162
11	134,611	13	203,962	13	207,808	14	247,496	13	238,500	18	358,109	144	2,731,693
13	81,698	14	103,849	14	176,800	15	192,280	15	198,439	18	240,880	143	1,899,152
12	2,274,176	13	2,755,409	15	3,219,010	15	3,622,931	16	3,501,698	19	4,442,466	147	38,655,527

IN OPERATION AND AVERAGED DAYS WORKED.

Number of mines working and average days worked each month of the year.

July.		August.		September.		October.		November.		December.		The State.	
Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.	Number of mines worked.	Average days worked.
3	21	3	20	4	20	7	20	7	21	7	23	7	180
2	17	7	15	8	17	8	19	8	19	8	22	8	181
13	13	12	15	13	16	15	17	14	18	14	20	15	175
10	15	12	14	14	15	15	15	15	14	15	19	16	160
5	11	6	13	6	14	6	16	6	19	6	23	7	151
8	14	8	15	8	17	10	17	10	17	11	18	11	162
5	9	8	11	10	14	10	14	10	15	10	20	10	126
16	10	19	12	24	14	23	16	23	16	23	20	25	147
25	9	25	10	27	13	29	13	30	13	29	16	31	124
13	10	14	12	14	14	14	14	13	13	12	18	15	130
6	11	8	13	8	13	9	14	9	13	9	18	9	144
13	13	13	14	18	14	17	15	16	15	14	18	18	143
119	a12	135	a13	154	a15	163	a15	161	a16	158	a19	172	a147

TABLE 15—CLASSIFICATION

Number.	Name of operator.	Post office of mine.	Underground.											
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
HENRY COUNTY—FIRST DISTRICT.														
1	Midland Electric Coal Corp., No. 1	Atkinson	—	—	—	—	—	—	—	—	—	—	—	—
2	Shuler Coal Mining Co.	Alpha	—	1	12	—	—	1	1	—	102	—	—	—
Total			—	1	12	—	—	1	1	—	102	—	—	—
LASALLE COUNTY—FIRST DISTRICT.														
1	Union Coal Co.	Peru	—	2	14	—	—	1	3	180	—	1	8	4
2	Illinois Zinc Co., No. 3	Peru	—	3	8	—	—	1	2	—	120	1	—	—
3	Buffalo Rock Coal Co.	Ottawa	—	—	—	—	—	—	—	—	—	—	—	—
Total			—	5	22	—	—	2	5	180	120	2	8	4
PUTNAM COUNTY—FIRST DISTRICT.														
1	Prairie State Coal Co.	Granville	1	2	15	1	—	1	2	—	365	4	—	—
WILL COUNTY—FIRST DISTRICT.														
1	Northern Illinois Coal Corp., No. 10	Wilmington	—	—	—	—	—	—	—	—	—	—	—	—
PEORIA COUNTY—SECOND DISTRICT.														
1	Crescent Mining Co., No. 6	Peoria	2	—	27	11	—	2	7	361	—	8	28	28
2	Crescent Mining Co., No. 1	Peoria	1	—	17	4	—	1	4	251	—	7	18	18
3	Dorthel Coal Co., No. 1	Hanna City	—	1	8	2	—	1	2	119	—	3	7	7
4	Glenwood Mining Co., No. 3	Edwards	—	—	5	1	—	1	1	20	70	2	1	1
Total			3	1	57	18	—	5	14	751	70	20	54	54
TAZEWELL COUNTY—SECOND DISTRICT.														
1	Lake Erie Mining Co.	Peoria	—	—	8	2	—	1	3	127	—	5	9	9
2	Ubben Coal Co.	Pekin	—	2	3	—	—	1	1	32	—	1	4	4
Total			—	2	11	2	—	2	4	159	—	6	13	13
WOODFORD COUNTY—SECOND DISTRICT.														
1	W. G. Sutton Coal Co.	Minonk	—	3	12	1	—	2	2	—	185	2	—	—
2	Roanoke Coal & Tile Co.	Roanoke	—	1	6	—	—	1	2	—	90	2	—	—
Total			—	4	18	1	—	3	4	—	275	4	—	—
FULTON COUNTY—THIRD DISTRICT.														
1	Midland Electric Coal Corp., No. 2	Farmington	—	—	—	—	—	—	—	—	—	—	—	—
2	Truax-Traer Coal Co.	St. David	—	—	—	—	—	—	—	—	—	—	—	—
3	United Electric Coal Co., No. 9	Cuba	—	—	—	—	—	—	—	—	—	—	—	—
4	Dorthel Coal Co., No. 3	Farmington	—	2	12	1	—	1	1	94	28	2	5	5
5	Blakley Coal Co.	Canton	—	1	3	—	—	1	2	30	—	1	2	2
6	Pschirrer and Sons	Canton	—	1	6	1	2	—	1	19	—	1	3	3
7	Illinois Colliery Co.	Farmington	—	2	4	—	—	1	1	28	32	1	2	2
8	Canton Coal Co.	Canton	1	4	14	2	—	1	1	190	—	9	14	14

OF MINE EMPLOYEES.

Underground.								On surface.																		
Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Sprangers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engi- neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen-top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Number.	
	2				2	2	3	126	5	1		9		4	1		15	2		2	1	6	77	120	120	1
	2				2	2	3	126	6		1	9		5	1		17	2		2	2	7	80	132	258	2
			3	1	2	2	13	234	2	1	3			1					2	1	3	11	24	258	1	
					8	1	2	146	2		3						2		2	1	2	5	17	163	2	
								1	1								2	1		1	1	1	16	24	24	3
			3	1	10	3	15	380	5	2	6			1			4	1		5	3	6	32	65	445	
			4	1	16	2		414	1	2	1	2	1	1	1				1	1	1	2	8	22	436	1
									5	1		25		1	2		18	1		2	2	5	209	271	271	1
6			2		10	17	20	529	5					5	4		1	1	3	2	2	8	7	38	567	1
3					7	13	5	349	1	2				1	2		1	1	2	3	1		15	29	378	2
	4			1	2	4	3	164	2	3							1	1		1	2	6	15	179	3	
	2				1	3		108	1	1	1	1		1		1	1				1	3	11	119	4	
9	6	2	1	20	37	28		1,150	9	6	1	1		7	6		3	3	5	6	4	11	31	93	1,243	
1	3				6	9	10	193	2	1				1	2		1	1	1	1	4	5	19	212	1	
					1	1	2	52	1		1							1	1	1	1	1	6	58	2	
1	3				7	10	12	245	3	1	1			1	2		2	1	1	2	5	6	25	270		
				1		2		210	1	1	2		1	1			2	1		1	1		12	222	1	
					2	2	1	107	1		2		1	1				1		1	2	3	12	119	2	
				1	2	4	1	317	2	1	4	1	2	1			2	2		1	2	3	3	24	341	
									1					7	2		6	1		2	1	5	111	148	148	1
									2	1				1			19	1		2	1	3	59	90	90	2
	2				2	6	2	163	1		3			1				1		1	2	4	99	99	99	3
	2					2		46	1		1						1	1		1	5	10	14	177	4	
		1			2			40	1		1			1			1	1	1		1	1	8	48	6	
	2				2			77	1		1	1		1			1	1		1	1	1	8	85	7	
	4			1	2	7	5	269	2		3		1	1			1		1	1		5	15	284	284	8

TABLE 15—

Number.	Name of operator.	Post office of mine.	Underground.											
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
FULTON COUNTY—THIRD DISTRICT—Concluded.														
9	Dorthel Coal Co., No. 2	Farmington	1	7	1	1	1	80	2	4	4			
10	Sunnyside Coal Co.	Cuba		2		1	1	8	18					
11	Golden Rule Coal Co.	Middle Grove								1	1			
12	George Swords	Canton												
13	E. A. Reed Coal Co.	Canton						1	10	2				
14	Living and Smith	Peoria												
Total			1	11	48	5	2	6	9	449	88	18	31	31
KNOX COUNTY—THIRD DISTRICT.														
1	Galesburg Mining Co.	Galesburg	2	2	15	4	3	4	178	8	7	12	12	
CHRISTIAN COUNTY—FOURTH DISTRICT.														
1	Peabody Coal Co., No. 9	Taylorville	2	1		27	28	2	16		54	12	12	
2	Peabody Coal Co., No. 7	Kincaid	3	2		26	30	2	14		56	8	8	
3	Peabody Coal Co., No. 8	Tovey	4	2		24	10	2	10	110	50	25	25	
4	Peabody Coal Co., No. 58	Taylorville	1	3		25	12	2	12		45	4	4	
5	Pana Coal Co., No. 1	Pana		2	10		1	2		138	3			
6	Penwell Coal Mining Co.	Pana		2	10		2	2	16	219	1			
Total			10	12	20	102	80	11	56	126	357	209	49	49
SANGAMON COUNTY—FOURTH DISTRICT.														
1	Central Ill. Coal Mining Co., "A"	Springfield	1	15	1	1	2		215	8				
2	Peabody Coal Co., No. 59	Springfield	1	1	26	6	1	9	125	5	7		7	
3	Peabody Coal Co., No. 57	Springfield	2	2	24	5	1	8	123	7			12	
4	Mine B Coal Co.	Springfield	2	2	24	1	2	2	343	8				
5	Panther Creek Mines, Inc., No. 4	Springfield	2	2	21	2	2	3	321	6				
6	Peabody Coal Co., No. 53	Springfield	1	1	27	8	12	1	115	9				
7	Sangamon Coal Co., No. 2	Springfield	1	1	21		1	4	257	6				
8	Panther Creek Mines, Inc., No. 5	Springfield	1	2	17		1	2	235	5				
9	Jefferson Coal Mining Co., No. 81	Springfield	1	1	9		1	2	120	2				
10	Peabody Coal Co., No. 51	Springfield	1	2	15	4	1	6	85	3	5		5	
Total			8	15	199	27	12	12	45	448	1491	59	12	24
MACON COUNTY—FIFTH DISTRICT.														
1	Macon County Coal Co.	Decatur	2	15	2	1	6	239	2	26				
VERMILION COUNTY—FIFTH DISTRICT.														
1	United States Fuel Co., "Bun"	Georgetown	12	7	15	14	8	16	1012	63	37	37		
2	Peabody Coal Co., No. 24	Danville	3	1	32	21	13	2	8	25	24	20	20	
3	Tilton Mining Co.	Danville	1	1	4	1	1	1	44	8	3	3		
4	Oakwood Coal Co.	Oakwood	1	1	2			1	27				4	
5	Coal Stripping Co., No. 2	Danville												
6	United Electric Coal Co., No. 12	Danville												
Total			16	10	53	36	13	11	26	1108	11	87	60	64

Continued.

Underground.										On surface.														Total—all employees.	Number.	
Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engineers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.			
											Hoisting.	Other.														
---	2	1	1	4	4	4	117	2	3	---	3	---	---	1	---	---	---	1	---	1	1	2	12	129	9	
---	2	---	---	---	---	1	25	1	---	---	1	---	---	---	---	---	1	---	---	---	---	3	33	28	10	
---	---	---	---	---	---	---	10	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	3	11	11	
---	---	---	---	---	---	---	13	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	5	6	12	
---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	5	15	13
---	14	2	2	12	20	11	760	12	1	15	17	2	13	2	26	11	1	1	9	7	14	293	423	1,183	---	
2	2	2	1	1	10	4	269	3	1	3	1	1	1	2	6	1	---	---	---	2	5	26	295	1	---	
---	---	3	---	30	28	152	367	5	1	4	---	---	1	3	70	1	---	8	3	4	40	140	507	1		
---	10	3	---	18	28	188	386	3	1	4	---	---	---	1	3	63	1	7	2	4	52	141	527	2		
---	2	2	---	23	29	71	400	5	1	4	---	---	---	1	2	75	1	7	3	4	32	135	535	3		
---	---	1	---	15	27	104	258	4	1	4	---	---	3	1	4	55	1	6	2	5	39	125	383	4		
---	---	4	1	4	2	8	163	1	1	3	---	---	3	---	---	2	---	1	3	15	29	192	5	---		
---	---	---	---	---	---	---	272	1	1	3	---	---	3	---	1	5	1	---	1	3	10	29	301	6		
1	10	4	15	1	94	117	523	1,846	19	6	22	---	9	4	13	268	7	28	12	23	188	599	2,445	---		
---	2	3	3	1	8	18	278	1	1	3	---	---	1	---	---	---	1	1	1	4	9	22	300	1		
---	---	5	1	18	22	70	304	2	5	4	---	---	3	1	1	15	1	4	2	3	54	358	2			
---	---	2	1	15	18	91	311	3	---	4	---	2	2	1	1	11	1	5	1	4	22	57	368	3		
---	4	3	1	6	11	10	419	3	1	3	1	1	1	---	---	---	1	1	1	9	31	450	4			
---	4	2	1	6	5	18	393	1	2	3	1	1	1	---	---	3	1	1	2	2	5	23	416	5		
---	6	1	1	30	20	48	287	2	2	4	1	---	1	---	---	---	1	5	2	4	18	40	327	6		
1	4	1	1	5	7	12	320	2	2	1	3	1	1	---	---	1	1	1	1	6	9	30	350	7		
---	2	2	1	7	8	13	296	1	2	3	---	---	1	---	---	---	1	2	1	2	6	20	316	8		
---	2	1	1	2	2	8	150	1	1	3	---	---	---	---	---	3	1	1	1	3	17	16	166	9		
---	4	2	1	12	14	45	209	2	---	3	---	---	1	1	1	8	1	1	1	3	3	25	234	10		
1	28	4	20	12	102	115	333	2,967	18	16	31	8	10	10	3	41	8	3	22	13	39	96	318	3,285	---	
---	---	1	1	2	5	---	302	2	---	4	---	1	1	---	---	---	1	---	1	1	9	10	30	332	1	---
---	9	6	1	67	69	112	1,485	10	2	6	1	6	1	2	---	1	---	1	5	63	96	1,581	1	---		
---	2	2	1	42	31	142	390	4	1	4	2	3	2	2	---	16	1	2	3	4	21	65	455	2		
---	---	---	---	1	1	1	71	1	---	1	---	---	---	---	---	---	1	---	1	1	1	6	77	3	---	
---	---	---	---	---	---	---	37	1	1	1	---	---	---	---	---	---	1	---	1	1	3	9	46	4	5	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	17	38	38	5	---	
2	9	8	2	111	101	255	1,983	17	4	12	7	13	3	2	23	5	---	4	5	14	161	270	2,253	---		

TABLE 15—

Number.	Name of operator.	Post office of mine.	Underground.											
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
MACOUPIN COUNTY—SIXTH DISTRICT.														
1	Consolidated Coal Co. of St. Louis, No. 15.....	Mt. Olive.....	2	2	---	18	40	5	12	---	---	65	25	25
2	Superior Coal Co., No. 2.....	Gillespie.....	7	5	---	17	---	5	12	326	---	39	11	12
3	Superior Coal Co., No. 3.....	Gillespie.....	11	4	2	19	---	5	10	354	---	45	8	8
4	Superior Coal Co., No. 1.....	Gillespie.....	8	5	1	17	---	4	10	267	---	42	5	5
5	Gillespie Coal Co.....	Gillespie.....	1	2	19	5	---	1	4	104	---	5	5	5
6	Superior Coal Co., No. 4.....	Gillespie.....	6	1	---	12	---	3	6	169	---	22	3	4
7	Virden Coal Co.....	Virden.....	2	2	5	1	---	1	1	108	---	4	6	6
8	Mt. Olive Coal Co.....	Mt. Olive.....	---	2	5	3	---	1	3	124	---	8	4	4
Total.....			35	23	32	92	40	25	58	1452	---	230	67	69
MONTGOMERY COUNTY—SIXTH DISTRICT.														
1	Indiana & Illinois Coal Corp.....	Nokomis.....	4	4	---	20	---	3	11	---	---	61	16	15
2	Hillsboro Coal Co., No. 1.....	Hillsboro.....	---	3	16	2	---	2	3	130	---	10	---	12
Total.....			4	7	16	22	---	5	14	130	---	71	16	27
SHELBY COUNTY—SIXTH DISTRICT.														
1	Erie Sootless Coal Co.....	Moweaqua.....	---	3	3	1	---	1	1	35	---	1	4	4
BOND COUNTY—SEVENTH DISTRICT.														
1	Illinois Pocahontas Coal Co.....	Pocahontas.....	---	2	12	2	4	---	4	75	---	4	12	12
MADISON COUNTY—SEVENTH DISTRICT.														
1	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	2	2	30	19	44	4	11	---	---	28	20	20
2	Lumaghi Coal Co., No. 2.....	Collinsville.....	2	1	2	10	---	2	8	159	---	19	16	17
3	Livingston & Mt. Olive Coal Co., No. 1.....	Livingston.....	---	2	---	2	---	1	1	239	---	17	13	14
4	Madison County Coal & Mining Co.....	Edwardsville.....	---	1	---	2	---	2	2	140	---	14	7	7
5	Chicopee Coal Co.....	Troy.....	---	1	9	---	---	1	1	66	---	2	4	4
6	Stiers Bros. Construction Co.....	Moro.....	---	---	---	---	---	---	---	---	---	---	---	---
7	Bullock Mining Co.....	Collinsville.....	---	1	6	---	---	---	1	---	38	---	---	---
Total.....			4	8	47	33	44	10	24	604	38	80	60	62
MARION COUNTY—SEVENTH DISTRICT.														
1	Marion County Coal Co.....	Centralia.....	2	1	18	9	14	2	8	13	---	14	8	8
2	Odin Coal Co.....	Odin.....	---	4	11	---	---	1	1	121	1	3	10	10
Total.....			2	5	29	9	14	3	9	134	1	17	18	18
CLINTON COUNTY—EIGHTH DISTRICT.														
1	Southern Coal, Coke & Mining Co., No. 9.....	New Baden.....	2	4	---	4	---	2	2	154	---	16	12	12
2	Citizens Coal Co., "E".....	Breese.....	---	2	4	1	---	1	1	70	---	3	4	4
3	Beckemeyer Coal Co.....	Beckemeyer.....	---	2	3	2	---	2	1	---	60	1	3	3
Total.....			2	8	7	7	---	5	4	224	60	20	19	19

Continued.

Underground.										On surface.															
Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Sprayers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engi- neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weightmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—all employees.	Number.
---	52	6	3	1	25	33	109	420	5	5	4	1	4	1	3	60	1	2	2	3	54	145	565	1	
---	---	---	3	---	28	45	100	610	3	2	4	---	7	1	---	---	---	1	2	---	15	35	645	2	
---	---	---	3	---	33	41	101	644	2	1	4	---	10	1	---	---	---	1	3	---	19	41	655	3	
---	5	---	2	---	44	46	76	532	3	1	4	---	6	1	---	---	---	1	2	---	15	33	565	4	
---	---	1	---	1	6	6	12	181	2	1	3	---	3	1	---	19	---	---	2	---	7	37	218	5	
---	---	---	1	---	15	28	40	310	2	1	4	---	3	1	---	---	---	1	2	---	17	29	339	6	
---	---	---	3	---	3	3	2	142	1	1	3	---	2	1	---	---	---	1	1	---	5	16	158	7	
---	---	---	2	---	4	5	5	170	2	1	3	---	5	1	1	---	---	1	2	---	6	23	193	8	
---	57	6	11	2	158	207	445	3,009	20	13	29	---	1	37	8	5	79	1	7	14	7	138	359	3,368	
---	9	---	---	---	50	39	240	472	4	3	3	---	1	2	1	2	42	1	1	1	4	29	93	565	
---	---	4	2	17	---	---	---	201	2	1	3	---	5	1	1	6	1	1	1	1	6	30	231	1	
---	9	4	2	67	39	240	673	6	4	6	1	7	2	3	48	2	1	1	2	5	35	123	796		
---	2	1	---	2	2	---	60	2	---	3	---	1	1	---	---	---	1	---	1	2	---	11	71	1	
---	2	2	4	1	3	3	2	144	1	1	3	---	1	---	1	5	1	---	1	1	4	19	163	1	
---	---	---	2	18	33	217	450	4	2	4	---	6	1	4	42	1	1	1	2	5	28	100	550		
---	2	4	1	21	24	28	316	10	1	3	---	4	1	1	15	1	3	1	2	8	50	366	2		
---	1	2	---	1	14	12	319	2	1	3	---	3	1	---	6	1	1	2	2	8	30	349	3		
---	---	---	---	5	7	4	187	1	---	3	---	1	1	1	6	1	---	---	1	1	2	16	203	4	
---	---	---	---	3	3	2	98	1	1	3	---	2	1	---	---	4	1	---	1	2	18	13	111	5	
---	2	---	---	3	---	---	51	1	---	1	---	---	---	---	---	1	1	1	1	1	2	24	24	6	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7
---	2	3	6	3	46	84	263	1,421	19	5	17	---	16	5	6	73	6	6	8	13	67	241	1,662		
---	4	3	2	9	3	78	196	4	5	4	---	7	1	1	8	1	3	1	3	19	57	253	1		
---	---	---	---	2	5	1	170	2	1	4	---	4	1	---	5	---	---	---	1	3	6	27	197	2	
---	4	3	2	11	8	79	366	6	6	8	---	11	2	1	13	1	3	2	6	25	84	450			
---	---	---	---	6	12	7	233	3	2	3	---	3	1	1	5	---	---	---	1	2	8	29	262	1	
---	1	1	3	2	---	1	97	1	1	3	---	2	1	---	---	---	---	1	1	4	15	112	2		
---	---	1	2	2	---	---	83	2	1	3	---	1	1	---	---	---	---	1	1	4	14	97	3		
---	1	2	11	16	8	413	6	4	9	---	6	3	1	5	---	---	---	1	3	4	16	58	471		

TABLE 15—

Number.	Name of operator.	Post office of mine.	Underground.											
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
ST. CLAIR COUNTY—EIGHTH DISTRICT.														
1	St. Louis & O'Fallon Coal Co., No. 2	East St. Louis	1	2	19	5	3	8	309		17	22	22	
2	Perry Coal Co., St. Ellen	O'Fallon	1	2	14	9	7	1	7	21	13	8	9	
3	Southern Coal, Coke & Mining Co., No. 7	Belleville	4	2	12	3	12	1	3		3			
4	Gundlach Coal Co.	East St. Louis			11	3	9	1	1		3	7	7	
5	Groom Coal Co.	Belleville	2	7	1	1	1	1	1	49	2	2	2	
6	Prairie Coal Co.	Belleville	4	8	1	1	1	1	1	122	4			
7	Perry Coal Co., Carbon	O'Fallon	2	7	1	1	1	1	1	60	2			
8	Vinegar Hill Coal Co.	Lenzburg	2	3		1	1	1	1	36	1			
9	Golden Rule Coal Co.	Lenzburg	2	4		1	1	1	1	32	1			
10	Service Coal Co.	Belleville	2	4		1	1	1	1	72	2			
11	Mulberry Hill Coal Co.	Freeburg	2	5		1	1	1	1	50	2			
12	White Coal Co.	Belleville	1	6	1	1	2	2	2	50	1			
13	O. K. Coal Co.	Marissa	1	7		1	1	1	1	110	2			
14	Gill Coal Corp.	Marissa	2	6		1	1	1	1	89	2			
15	Freeburg Coal Co.	Freeburg	1	4		1	1	1	1	50	1			
16	Rentschler Coal & Mining Co.	Belleville	1	3		1	1	1	1	30	1			
17	Quality Coal & Mining Co.	Belleville	2	5		2	1	1	1	48	1			
18	Guest Coal Co.	Belleville	3	4		1	2	55	55		1	4	4	
19	Eldnar Coal Co.	Belleville	1	2		1	1	1	1	26	2			
20	Lenzburg Coal Co.	Lenzburg	1	3		1	1	1	1	44	2			
21	Jones Bros. Coal Mining Co., No. 1	Marissa	1	6		1	1	1	1	33				
22	United Electric Coal Co., No. 23	Freeburg												
Total.			6	36	140	23	28	24	38	385	901	63	43	44
JACKSON COUNTY—NINTH DISTRICT.														
1	Union Colliery Co.	Dowell	4	2		39	42	5	18	117	74	21	21	
2	Truax-Traer Coal Co., No. 2	Elkville												
3	Truax-Traer Coal Co., No. 1	Elkville												
4	Peacock Coal Co., No. 1	Hurst			1				1	8		1	1	
Total.			4	2	1	39	42	5	19	125	74	22	22	
PERRY COUNTY—NINTH DISTRICT.														
1	Pyramid Coal Corp.	Pineknayville												
2	United Electric Coal Corp., No. 11	DuQuoin												
3	Coal Stripping Co., No. 1	Pineknayville												
4	Crerar Clinch Coal Co., No. 14	DuQuoin	1	2	5	10		3	5	400	20	13	17	25
5	Coulterville Coal Co.	Coulterville	2	9	1			1	2	127		4	5	10
6	Cutler Coal Co., Inc.	Cutler	1	5	1			1	1	68		2	5	5
7	Perfection Coal Co.	DuQuoin												
8	Crerar Clinch Coal Co., No. 15	DuQuoin												
9	Winkle Coal Co.	Swanwick	2	4	1			1	2		44	2	2	1
10	Whip-Poor-Will Coal Mining Co.	Cutler	1	7				1	1		83			
11	Briar Hill Coal Mining Co., No. 45	Pineknayville	1	2	5	2		1	1		70	2		
12	Beaucoup Coal Co.	Pineknayville			1			1	1		6			
13	Ring Coal Co.	Cutler								1	10			
14	Home Coal Co.	Willisville			1				1			1	1	1
15	Bailey Bros. Coal Co.	DuQuoin			1			1			10			
16	Tamaroa Coal Co.	Tamaroa			1				1		6			
17	Biby Coal Co.	Pineknayville			1			1	1		9			
18	Talbott Coalery Co.	DuQuoin												
19	Conant Coal Co.	Conant		1					1		4			1
20	Imperial Coal Co.	Tamaroa	1	1					1	7				
Total.			2	11	42	15		11	19	602	262	24	30	43

TABLE 15—

Number.	Name of operator.	Post office of mine.	Underground.										
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
RANDOLPH COUNTY—NINTH DISTRICT.													
1	Moffat Coal Co.	Sparta	1	1	31	6	1	4	245	15	13	13	
2	St. Louis Coal Co.	Coulterville	1	1	10	5	1	3	66	16	1	10	15
3	Jones Bros. Coal Mining Co., No. 2	Marissa	2	5	5	1	1		94	2			
4	Illmo Coal Co.	Sparta	1	1	2				24			1	1
Total			2	5	48	11	3	8	335	110	18	24	29
WASHINGTON COUNTY—NINTH DISTRICT.													
1	Centralia Coal Co., No. 5	Centralia	1	1		15	12	1	9	44	29	9	9
2	Clarkson Coal & Mining Co.	Nashville	2	8	1	1	1	64			2	4	4
3	Bois Coal Co.	DuBois	1	3				1		27			
Total			1	4	11	16	12	2	11	108	27	31	13
FRANKLIN COUNTY—TENTH DISTRICT.													
1	Chicago, Wilmington & Franklin Coal Co., No. 2	W. Frankfort	8	2		58	62	15	36		143	33	33
2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	5	2		25	4	7	12	486	74	29	19
3	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	4	1		42	20	8	4		103	20	20
4	Valier Coal Co., No. 1	Valier	7	2		42	22	10	20		99	23	23
5	Old Ben Coal Corp., No. 8	W. Frankfort	5	2		16	6	6	15		63	27	27
6	Old Ben Coal Corp., No. 15	Ezra	1	2		10	4	12			48	15	15
7	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	5	4		9	28	6	18		58	18	18
8	Franklin County Coal Co., Inc., No. 7	Royalton	6	2		15	6	9	12	200	46	12	12
9	Franklin County Coal Co., Inc., No. 5	Herrin	4	2	33	6		6	10	297	12	15	15
10	Peabody Coal Co., No. 19	W. Frankfort	4	2	36	6		6	6	320		18	18
11	West Frankfort Coal Co., No. 21	W. Frankfort	1	2		10		3	4	192	25	9	9
12	Brewerton Coal Co., No. 22	Sesser	2	2		8		2	3	192	36	15	15
13	Franklin Mining Co.	Benton	2	3	11	4		2	3	190	6	12	12
14	Old Ben Coal Corp., No. 14	Buckner	2	2		10		3	10	150	40	10	10
15	Peabody Coal Co., No. 18	W. Frankfort	3	1		19	18	6	13		46	32	28
Total			59	31	80	280	166	93	178	2027	799	288	274
SALINE COUNTY—ELEVENTH DISTRICT.													
1	Peabody Coal Co., No. 47	Harco	9	1		12		7	10	533	56	17	17
2	Wasson Coal Co., No. 1	Harrisburg	4	2	18	7		4	7	360	25	13	32
3	Sahara Coal Co., No. 1	Harrisburg	5	2	17	5		5	9	403	24	24	20
4	Sahara Coal Co., No. 10	Eldorado	4	2	7	5		5	6	246	28	11	11
5	Rex Coal Co., No. 2	Eldorado	2	1		12	2	2	7	111	37	10	10
6	Sahara Coal Co., No. 12	Harrisburg	3	2	8	4		2	6	249	26	9	9
7	Sahara Coal Co., No. 3	Harrisburg	2	2		6		3	7	265	34	12	12
8	Blue Bird Coal Co.	Carrier Mills											
Total			29	12	50	51	2	28	52	2167	230	96	111
WHITE COUNTY—ELEVENTH DISTRICT.													
1	Norris City Coal Mining Co., No. 1	Norris City	1	2	5	1		1	1	43	1	3	3

Continued.

Underground.										On surface.														Total—all employees.	Number.		
Pumpmen and pipemen.	Shot firers.	Shot firers runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engi- neers.	Hoisting.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.			Total on surface.	
3	2	3	2	10	16	11	365	365	2	2		3	2	2	1	1	1	1	1	1	1	2	1	16	35	400	1
2	2	1	1	1	7	5	155	155	2	2		3	2	1	1	1	18	1	1	1	1	1	2	36	191	2	
2	2	1	1	1	3	3	114	114	1	1		2	2	1	1	1	1	1	1	1	1	1	1	6	99	123	3
2	2	1	1	1	1	1	31	31	1	1		1	1	1	1	1	1	1	1	1	1	1	1	4	35	4	4
3	4	4	4	4	11	27	19	665	5	2		9	2	4	3	2	20	4	2	4	4	4	23	84	749		
2	2	1	1	1	12	14	14	171	2	2		1	3	7	1	1	20	1	1	1	1	3	5	48	219	1	1
2	2	1	1	1	1	1	92	92	1	1		3	1	1	1	1	2	2	2	2	2	1	12	104	2	2	
2	2	1	1	1	1	1	36	36	1	1		1	1	1	1	1	1	1	1	1	1	1	5	41	3	3	
2	2	1	1	1	13	19	15	299	4	3		5	3	9	1	1	22	1	1	3	4	8	65	364			
1	11	1	1	56	78	279	816	7	2			5	2	3	5	8	91	1	3	1	18	89	235	1,051	1	1	
1	8	6	1	33	62	13	786	4	5			5	1	5	1	9	37	1	3	2	2	66	141	927	2	2	
1	20	1	1	30	57	137	468	6	1			6	5	5	1	3	54	1	4	1	7	50	144	612	3	3	
2	54	7	1	32	38	75	449	6	4			4	2	3	1	6	8	1	2	1	3	28	67	516	4	4	
2	7	8	1	15	33	206	430	2	7			4	2	2	2	2	19	2	2	4	2	7	62	115	545	5	5
1	36	3	1	12	21	236	416	1	4			4	1	5	1	3	22	1	3	2	4	39	90	506	6	6	
2	7	8	1	26	45	150	402	4	13			5	12	3	5	54	1	1	2	1	8	31	140	542	7	7	
3	9	25	90	447	5	6	4	1	5	2	9	30	1	1	1	1	1	1	1	1	1	38	104	551	8	8	
1	6	5	10	21	53	496	4	4	4	1	6	2	1	15	3	1	1	1	1	1	2	31	75	571	9	9	
1	4	4	18	20	43	506	4	1	4	1	7	1	1	23	1	1	1	1	1	1	6	20	73	579	10	10	
4	3	2	10	9	8	291	2	4	4	3	5	1	2	8	1	1	1	1	1	1	3	15	46	337	11	11	
2	2	1	12	16	308	2	4	3	3	4	1	1	5	1	1	1	1	1	1	1	2	3	9	36	344	12	12
1	2	1	11	8	267	2	1	4	1	4	1	1	2	17	1	1	1	1	1	1	2	2	3	37	304	13	13
1	6	8	22	97	371	1	4	4	2	1	1	22	1	3	2	3	38	84	455	14	4	27	112	567	15	15	
1	6	31	32	219	455	3	5	4	4	4	4	4	1	3	57	1	2	1	4	4	4	4	4	4	4	4	4
21	156	50	313	487	1,606	6,908	53	65	64	15	69	24	54	462	9	11	31	23	73	546	1,499	8,407					
2	6	3	8	28	41	750	6	9	4	8	1	2	11	1	9	1	1	1	1	1	5	28	85	835	1	1	
3	4	5	7	19	22	530	3	3	3	1	4	1	1	9	2	1	1	1	1	1	1	20	48	578	2	2	
1	3	3	5	20	24	574	3	2	3	1	3	1	1	15	1	2	7	1	1	1	1	32	73	647	3	3	
1	3	4	4	16	21	375	2	4	3	3	1	2	10	1	1	1	1	1	1	1	2	20	53	428	4	4	
1	3	1	14	35	261	2	4	1	2	5	1	2	18	1	1	1	1	1	1	1	5	12	62	323	5	5	
1	2	1	1	13	5	344	2	3	3	3	1	1	16	1	1	1	1	1	1	1	1	14	52	396	6	6	
4	2	4	1	16	10	386	3	5	3	1	3	1	1	13	1	1	1	1	1	1	1	8	46	426	7	7	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	25	24	2	40	125	158	3,214	22	30	21	14	31	8	11	105	7	4	40	7	20	199	519	3,733				
1	1	1	1	1	1	65	1	1	3	3	1	1	1	3	1	1	1	1	1	2	2	14	79	1			

TABLE 15—

Number.	Name of operator.	Post office of mine.	Underground.											
			Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.
WILLIAMSON COUNTY—TWELFTH DISTRICT.														
1	Old Ben Coal Corp., No. 18.....	Johnston City	2	2		14		4	11			58	27	27
2	Consolidated Coal Co. of St. Louis, No. 7.....	Herrin.....	3	2		15	11	2	7	51		52	14	15
3	Seymour Coal Co.....	Herrin.....	3	2	19	3	1	4	132	22		8	13	13
4	Franco Mining Corp., No. 1.....	Johnston City	4	1		8		3	8	95	30	21	11	10
5	Freeman Coal Mining Co.....	Herrin.....	3	2	8	4	5	2	4	160		16	6	6
6	Carterville Peacock Coal Co.....	Harrisburg.....												
7	Wallace Coal Co.....	Marion.....		1	4	1	2	1	1	2		1	2	
8	Blue Hill Coal Co.....	Marion.....		2	4	1		1	1		55	1	3	3
9	Carbon Fuel Co.....	Marion.....			2			1	1		26			
10	City Lake Coal Co.....	Herrin.....			5			1			25			
11	Forsyth Carterville Coal Co.....	Carterville.....												
12	Consumers Coal & Materials Co.....	Marion.....												
13	Spillertown Mining Co.....	Johnston City			3			1	1	10			1	1
14	New Watson Coal Co., No. 1.....	Herrin.....			1			1			12			
15	Puritan Coal Co., No. 1.....	Johnston City			2			1	2	7			1	1
16	Carterville Mining & Engineering Co., No. 1.....	Cambria.....												
17	Rodney Coal Co.....	Herrin.....			1				1		10			
18	M. H. Radford.....	Marion.....												
Total.....			15	12	49	46	19	19	41	457	180	157	78	76

Concluded.

Underground.								On surface.																	Total—all employees.		Number.
Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Spraggers.	Stablemen.	Timbermen.	Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engi- neers.	Hoisting.	Other.	Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.			
8	---	3	---	22	30	262	470	1	3	4	2	2	2	2	2	25	1	1	3	2	3	33	81	551	1		
3	5	2	---	12	17	102	313	3	4	4	---	4	---	4	2	46	1	1	1	2	6	25	100	413	2		
3	3	1	---	5	8	---	241	2	5	4	---	3	1	1	1	19	1	1	1	3	2	9	52	293	3		
5	2	2	---	13	13	24	249	3	4	4	1	6	1	2	10	1	1	1	1	2	15	51	300	4			
1	2	2	---	13	8	---	242	2	1	4	---	1	1	1	1	18	1	1	1	2	3	34	276	5			
---	2	---	---	---	---	---	2	2	3	1	---	5	---	1	3	4	1	1	2	---	1	16	39	39	6		
1	---	---	---	1	2	---	25	1	---	1	---	1	---	---	---	3	3	1	---	---	---	3	9	37	7		
1	4	1	---	---	1	---	80	1	1	3	---	1	1	1	---	1	1	1	1	1	1	15	95	8			
1	2	---	---	1	1	---	33	1	---	1	---	1	---	---	---	2	---	1	---	---	---	3	4	37	9		
---	---	---	---	---	---	---	35	1	---	1	---	1	---	4	1	3	1	1	1	1	1	32	5	40	10		
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	9	12	45	11		
---	---	---	---	---	---	---	17	---	---	1	---	1	---	1	---	---	1	1	1	---	---	3	12	12	12		
1	---	---	---	---	---	---	15	1	---	1	---	1	---	1	---	---	---	---	---	---	---	3	20	13			
---	---	---	---	---	---	---	14	---	---	1	---	1	---	---	---	1	---	---	---	---	---	---	2	18	14		
---	---	---	---	---	---	---	---	---	---	---	---	3	1	---	---	---	1	---	2	---	---	9	16	16	16		
---	1	---	---	---	---	---	13	1	---	1	---	1	---	---	---	---	---	1	---	---	---	2	1	14	17		
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	16	15		
25	21	1	10	2	68	80	394	1,750	19	22	34	9	21	11	9	132	12	5	12	12	19	158	475	2,225	18		

TABLE 16—CLASSIFICATION OF

District.	Underground.																		
	Bratticemen.	Cagers.	Drivers.	Electricians and helpers.	Mechanical loading machine operators.	Mine examiners.	Mine managers and assistants.	Machine miners.	Pick miners.	Motormen and assistants.	Machine helpers.	Machine runners.	Pumpmen and pipemen.	Shot firers.	Shot firers' runners.	Spraggers.	Stabblers.	Timbermen.	
First.....	1	8	49	1	---	4	8	180	587	6	8	4	---	2	---	7	2	28	
Second.....	3	7	86	21	---	10	23	910	345	50	67	67	10	9	---	2	2	29	
Third.....	3	13	63	9	---	9	13	627	96	25	43	43	2	16	---	4	3	13	
Fourth.....	18	27	219	129	92	23	101	574	1,848	268	61	73	2	38	8	35	13	196	
Fifth.....	16	12	68	38	13	12	32	1,347	11	89	86	64	2	9	---	9	3	113	
Sixth.....	39	33	51	115	40	31	73	1,617	---	302	87	100	---	68	6	16	4	227	
Seventh.....	6	15	88	44	62	13	37	813	39	101	90	92	---	8	5	13	6	60	
Eighth.....	8	44	147	30	28	29	42	609	961	83	62	63	3	62	---	16	11	53	
Ninth.....	9	22	102	81	54	21	57	1,170	399	147	89	107	7	26	---	16	7	51	
Tenth.....	59	31	80	280	166	93	178	2,027	---	799	288	274	21	156	---	50	---	313	
Eleventh.....	30	14	55	52	2	29	53	2,210	---	231	99	114	13	25	1	24	2	41	
Twelfth.....	15	12	49	46	19	19	41	457	180	157	78	76	25	21	1	10	2	68	
Total ..	207	238	1,057	846	478	293	657	12,541	4,466	2,238	1,058	1,077	85	440	21	202	55	1,192	

MINE EMPLOYEES BY DISTRICTS.

Underground.			On surface.																	
Trackmen.	All others underground.	Total underground.	Blacksmiths.	Carpenters.	Engi-neers.		Firemen.	Top foremen.	Machinists and helpers.	Picking table workers.	Superintendents.	Stablemen—top.	Watchmen.	Weighmen.	Office employees at mine.	Others on surface.	Total on surface.	Total—All employees.	District.	
					Hoisting.	Other.														
7	18	920	17	5	8	36	1	8	4	39	4	1	10	8	20	329	490	1,410	1	
51	41	1,712	14	8	6	2	3	9	7	5	7	6	8	8	19	40	142	1,854	2	
30	15	1,029	15	2	18	18	3	14	4	32	12	1	9	7	16	298	449	1,478	3	
232	856	4,813	37	22	53	8	19	14	16	309	15	3	50	25	62	284	917	5,730	4	
106	255	2,285	19	4	16	7	14	4	2	23	6	---	5	6	23	171	300	2,585	5	
248	685	3,742	28	17	38	2	45	11	8	127	4	1	8	17	14	173	493	4,235	6	
95	344	1,931	26	12	28	---	28	7	2	91	8	---	9	11	20	96	344	2,275	7	
118	183	2,552	28	11	45	4	28	10	5	93	8	1	11	25	27	119	415	2,967	8	
114	96	2,575	38	15	57	34	37	20	27	279	18	2	23	16	43	781	1,390	3,965	9	
487	1,606	6,908	53	65	64	15	69	24	54	462	9	11	31	23	73	546	1,499	8,407	10	
126	158	3,279	23	30	24	14	32	8	11	108	7	5	40	8	22	201	553	3,812	11	
80	394	1,750	19	22	34	9	21	11	9	132	12	5	12	12	19	158	475	2,225	12	
1,694	4,651	33,496	317	213	391	149	299	140	156	1,700	110	36	216	166	358	3,196	7,447	40,943		

TABLE 17—OUTPUT OF SHIPPING MINES BY MONTHS—1929-1934.

Month.	1929	1930	1931	1932	1933	1934
January	7,001,027	6,560,159	4,910,869	3,838,402	3,335,862	4,106,319
February	6,459,158	4,784,623	3,810,167	4,179,951	3,549,192	3,917,258
March	4,309,056	4,133,842	4,297,523	5,983,823	3,145,171	4,234,877
April	3,560,116	3,674,352	3,040,068	363,773	2,078,449	2,342,935
May	3,810,298	3,354,981	2,973,862	526,696	2,036,464	2,112,730
June	3,413,621	3,033,048	2,775,193	603,344	2,059,674	2,125,718
July	3,785,845	3,274,699	2,816,435	754,864	2,383,220	2,274,176
August	4,398,106	3,716,651	3,336,309	1,676,136	2,791,977	2,755,409
September	4,766,916	3,977,358	3,384,003	2,404,392	2,888,181	3,219,010
October	5,716,839	5,251,276	4,059,961	3,338,466	3,657,337	3,622,931
November	5,412,011	4,787,969	3,530,227	3,623,977	3,611,034	3,501,698
December	6,443,002	5,427,650	4,138,441	4,108,575	3,854,116	4,442,466
Total	59,075,995	51,996,608	43,073,058	31,402,399	35,390,677	38,655,527

TABLE 18—NUMBER OF MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH—1929-1934.

Month.	1929		1930		1931		1932		1933		1934	
	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.	Mines.	Days.
January	184	21	171	20	158	16	137	15	136	15	152	18
February	184	19	166	14	148	13	136	15	138	16	152	17
March	183	14	157	13	139	16	137	20	136	13	153	17
April	149	13	142	13	134	11	38	9	124	10	139	10
May	145	14	134	12	121	12	39	10	106	11	125	10
June	143	13	128	12	118	12	39	10	104	10	116	11
July	144	14	140	12	114	12	50	10	109	11	119	12
August	157	15	143	13	121	13	86	10	122	13	135	13
September	171	16	152	14	131	13	77	15	129	13	154	15
October	176	18	157	18	140	16	121	17	140	16	163	15
November	178	17	162	16	143	14	136	17	142	15	161	16
December	176	20	165	17	147	16	144	18	147	16	158	19
Total and average..	200	a162	185	a145	167	a130	162	a107	159	a131	172	a147

(a) Average.

TABLE 19 — SHIPPING MINES — NUMBER OPERATED, TONS PRODUCED, AVERAGE DAYS WORKED, AND NUMBER EMPLOYED IN 1934 AND 1933, AND GAIN OR LOSS BY COUNTIES.

County.	1934.				1933.				Gain (+) or loss (-).				Per cent of gain (+) or loss (-).			
	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines operated.	Tons produced.	Average days worked.	Men employed.	Mines.	Tons.	Days.	Men.	Mines.	Tons.	Days.	Men.
Bond.....	1	28,612	58	163					+1	+28,612	+58	+163				
Christian.....	6	3,860,705	189	2,445	6	3,836,292	188	2,405		+24,414	+1	+40		+0.6	+0.5	+1.7
Clinton.....	3	284,250	185	471	3	212,224	138	363		+72,026	+47	+107		+33.9	+34.1	+29.8
Franklin.....	15	7,780,162	130	8,407	14	6,703,883	115	7,900	+1	+1,076,279	+15	+302		+7.1	+16.1	+13.0
Fulton.....	14	1,526,408	172	1,183	6	994,505	125	881	+8	+531,903	+47	+302		+133.3	+53.5	+37.6
Henry.....	2	539,617	215	258	2	642,262	227	245		-82,645	-12	+13		-12.9	-5.3	+5.3
Jackson.....	4	1,479,068	153	828	5	1,179,090	133	819	-1	+299,978	+20	+9		-20.0	+25.4	+15.0
Knox.....	1	311,751	225	293	1	293,536	194	305		+16,215	+31	+10		+5.5	+16.0	-3.3
LaSalle.....	3	189,807	152	445	2	198,290	207	427	+1	-8,483	-36	+18		+50.0	-4.3	-25.6
Logan.....					1	128,122	26	275		-28,122	-36	+275		+12.9	-0.9	+30.2
Macon.....	1	164,401	232	332	1	146,523	224	255		+17,878	-2	+211		+14.3	+10.6	+4.9
Madison.....	8	3,361,771	171	3,368	7	3,040,290	163	3,157	+1	+321,481	+8	+211		+13.0	+16.3	+10.3
Marion.....	7	1,342,513	139	1,650	8	1,154,020	126	1,811	-1	+188,493	+13	+149		-25.9	-32.9	+2.5
Montgomery.....	2	292,762	114	450	2	395,255	170	439		-102,493	+59	+11		-33.3	-16.6	+31.1
Peoria.....	2	549,671	177	796	3	659,084	135	1,234	-1	-109,413	+42	+36		+8.2	+1.6	+3.0
Perry.....	4	1,253,164	189	1,243	4	1,158,579	186	1,207		+94,586	+16	+336		+17.3	+15.7	+6.2
Putnam.....	20	3,019,772	118	2,024	16	2,580,392	102	1,905	+4	+439,380	+42	+77		+22.1	+35.3	-9.3
Randolph.....	1	80,913	92	436	1	68,953	85	403		+11,960	+7	+33		+17.3	+8.9	+8.2
Saline.....	4	435,196	118	749	4	356,552	130	826		+78,644	+42	+77		+8.9	+13.1	-3.1
Shelby.....	10	2,700,687	147	3,733	8	2,479,670	130	3,854		+221,017	+17	+121		+13.1	-4.7	+3.2
St. Clair.....	1	10,362	64	71	10	1,942,248	150	3,184		+253,675	+7	+101		+10.3	+21.4	+3.0
Tazewell.....	22	2,043,764	142	2,496	23	2,057,754	117	2,424	+1	-13,990	+25	+72		-3.0	-5.0	+11.1
Vermilion.....	2	212,515	189	2,570	2	219,069	199	243		-6,554	-10	+27		+20.0	-6.2	+2.2
Washington.....	6	1,675,604	138	2,553	5	1,785,515	135	2,384	+1	-109,911	+3	+131		+50.0	+22.5	+11.0
White.....	3	315,909	133	364	2	257,805	133	328		+58,104	+26	+36		+17.1	+28.9	+16.8
Will.....	1	31,096	116	79	1	26,483	90	95		+4,523	+3	+14		-3.6	+5.2	+16.3
Williamson.....	1	946,801	283	271	1	982,016	269	293		-35,215	+14	+38		+0.4	+31.2	-17.7
Woodford.....	18	1,899,152	143	2,225	19	1,892,183	159	2,703	-1	+6,969	+34	+48		+5.3	+4.6	+2.4
Woodford.....	2	103,260	160	341	2	98,082	153	333		+5,178	+7	+8		+8.2	+9.2	+0.7
Total.....	172	38,655,527	147	40,943	159	35,390,677	131	40,660	+13	+3,264,850	+16	+283		+9.2	+12.2	+0.7

TABLE 20—RELATIVE RANK OF COUNTIES, PRODUCING 500,000 TONS OR MORE, 1934-1930.

County.	1934		1933		1932		1931		1930	
	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.	Rank.	Tons.
Franklin.....	1	7,780,162	1	6,703,883	1	7,064,359	1	9,531,560	1	11,997,347
Christian.....	2	3,860,706	2	3,836,292	5	1,835,286	5	2,987,378	6	3,635,976
Macoupin.....	3	3,361,771	3	3,040,290	4	1,930,406	2	3,992,552	2	4,646,527
Perry.....	4	3,019,772	4	2,580,392	2	3,065,944	4	2,990,440	7	3,309,648
Saline.....	5	2,700,687	5	2,479,670	3	2,401,303	6	2,973,465	5	3,670,144
Sangamon.....	6	2,195,923	7	1,942,248	9	1,667,479	3	3,352,211	4	3,700,419
St. Clair.....	7	2,043,764	6	2,057,754	6	1,812,940	7	2,778,643	9	2,447,784
Williamson.....	8	1,899,152	8	1,892,183	7	1,807,728	9	2,165,819	3	4,107,573
Vermilion.....	9	1,675,604	9	1,785,515	8	1,674,828	8	2,540,023	8	2,930,924
Fulton.....	10	1,526,408	13	994,505	11	1,116,524	11	1,398,993	12	1,634,772
Jackson.....	11	1,479,068	10	1,179,090	10	1,336,968	10	1,938,141	11	2,054,836
Madison.....	12	1,342,513	12	1,154,020	13	909,595	14	1,157,124	10	2,229,592
Peoria.....	13	1,253,164	11	1,158,579	16	512,250	13	1,214,567	14	967,745
Will.....	14	946,801	14	982,016	12	976,178	15	988,500	15	865,666
Henry.....	15	559,617	16	642,262	14	655,055	16	775,956	17	504,761
Montgomery.....	16	549,671	15	659,084	15	626,674	12	1,255,432	13	1,599,246
Washington.....	17	315,909	19	257,805	18	333,827	18	384,350	16	531,304

TABLE 21—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED AND NUMBER EMPLOYED IN ALL SHIPPING MINES, AND ALSO IN STRIP MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1934.

Years.	All shipping mines.				Strip mines.				Percentage of strip mines.		
	Number of—		Average days worked.	Tons produced.	Number of—		Average days worked.	Tons produced.	Mines	Men.	Tons.
	Mines.	Men.			Mines.	Men.					
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	595,608	1.60	0.42	1.22
1924.....	338	95,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54

* From July 1, 1924 to December 31, 1925.

TABLE 22—SHIPPING MINES DIVIDING WORKING TIME.

Name of operator.	County in which mine is located.	Employees.		Tons mined.	Days worked.
		Working.	On payroll.		
Canton Coal Co.	Fulton	153	284	35,905	46
Carterville Mining & Engineering Co.	Williamson	13	16	3,513	58
Consolidated Coal Co. of St. Louis, No. 7	Williamson	330	413	440,637	135
Consolidated Coal Co. of St. Louis, No. 15	Macoupin	399	565	789,442	205
Coulterville Coal Co.	Perry	133	187	127,970	193
Franco Mining Corp.	Williamson	265	300	241,387	159
Franklin County Coal Co., Inc., No. 5	Franklin	568	571	391,819	129
Franklin County Coal Co., Inc., No. 7	Franklin	451	551	519,446	180
Gillespie Coal Co.	Macoupin	185	218	318,866	269
Hillsboro Coal Co.	Montgomery	164	231	190,759	208
Illmo Coal Co.	Randolph	31	35	21,063	195
Indiana & Illinois Coal Corp., No. 10	Montgomery	364	565	358,912	145
The Livingston & Mt. Olive Coal Co., No. 1	Madison	217	349	180,524	142
Lumaghi Coal Co., No. 2	Madison	279	366	373,006	205
Marion County Coal Co.	Marion	249	253	241,578	143
Midland Electric Coal Corp., No. 1	Henry	101	120	489,968	279
Mt. Olive & Staunton Coal Co., No. 2	Madison	367	550	584,226	225
Pana Coal Co., No. 1	Christian	137	192	127,182	179
Panther Creek Mines, Inc., No. 4	Sangamon	412	416	260,979	150
Peabody Coal Co., No. 8	Christian	515	535	864,806	221
Peabody Coal Co., No. 18	Franklin	466	567	61,868	40
Peabody Coal Co., No. 19	Franklin	545	579	374,398	139
Peabody Coal Co., No. 47	Saline	767	835	447,406	125
Peabody Coal Co., No. 53	Sangamon	319	327	238,242	129
Peabody Coal Co., No. 59	Sangamon	347	358	308,010	156
Penwell Coal Mining Co.	Christian	177	301	78,339	44
Perry Coal Co., "Carbon"	St. Clair	87	111	83,067	144
Perry Coal Co., "St. Ellen"	St. Clair	190	235	370,692	267
St. Louis Coal Co.	Randolph	155	199	127,470	116
Superior Coal Co., No. 1	Macoupin	447	565	662,606	224
Superior Coal Co., No. 2	Macoupin	472	645	726,125	235
Superior Coal Co., No. 3	Macoupin	480	685	721,033	228
Superior Coal Co., No. 4	Macoupin	249	339	76,684	61
United States Fuel Co., "Bun"	Vermilion	1,154	1,581	1,009,404	180
Winkle Coal Co.	Perry	52	95	19,676	87
Total 1934, 35 mines		11,240	14,139	11,867,008	161
Total 1933, 28 mines		8,129	11,287	8,121,445	137

(a) Average.

TABLE 23—GRADED OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

County.	Classification of output of mines in tons.										
	Lump.	Furnace.	Small egg.	Stove.	Chestnut.	Pea coal.	Carbon.	Screenings.	Mine run.	Waste and loss in preparing.	Total.
First District totals.....	207,968	231,291	276,076	73,398	141,355	35,160	2,098	629,185	164,384	16,223	1,777,138
Henry.....	31,139	31,127	152,705	66,217	36,848	1,645	2,098	207,719	24,898	5,221	559,617
LaSalle.....	27,932	27,224	2,187	2,187	5,592	-----	-----	38,026	65,960	886	189,807
Putnam.....	33,862	19,307	-----	-----	-----	-----	-----	17,628	-----	10,116	80,913
Will.....	93,033	153,633	123,371	4,994	98,915	33,515	-----	365,812	73,526	-----	946,801
Second District totals.....	263,749	141,203	13,086	11,534	-----	729	-----	250,518	886,008	2,112	1,568,939
Peoria.....	137,465	115,959	10,814	383	-----	-----	-----	113,686	872,895	1,962	1,253,164
Tazewell.....	73,124	8,769	-----	3,376	-----	-----	-----	114,457	12,639	150	212,515
Woodford.....	53,160	16,475	2,272	7,775	-----	729	-----	22,375	474	-----	103,260
Third District totals.....	189,758	334,944	346,596	88,028	22,016	6,474	19,038	556,445	257,579	17,281	1,838,159
Fulton.....	151,534	262,364	346,596	88,028	22,016	6,474	19,038	507,894	107,673	14,791	1,526,408
Knox.....	38,224	72,580	-----	-----	-----	-----	-----	48,551	149,906	2,490	311,751
Fourth District totals.....	804,660	1,478,253	418,831	153,553	31,220	19,494	26,337	2,796,533	311,937	15,811	6,056,629
Christian.....	428,894	915,692	370,625	4,541	-----	2,355	-----	2,010,273	126,426	1,900	3,860,706
Sangamon.....	375,766	562,561	48,206	149,012	31,220	17,139	26,337	786,260	185,511	13,911	2,195,923
Fifth District totals.....	357,619	181,657	98,980	626	6,471	-----	-----	601,253	593,021	378	1,840,005
Macon.....	56,709	45,637	3,641	-----	-----	-----	-----	34,476	17,239	228	164,401
Vermilion.....	300,910	136,020	95,339	626	6,471	-----	-----	566,777	575,782	150	1,675,604
Sixth District totals.....	2,122,627	323,973	79,589	61,796	32,266	31,691	52,283	843,271	331,267	43,041	3,921,804
Macoupin.....	1,999,471	241,358	15,038	1,990	32,266	31,268	52,283	639,885	315,096	33,166	3,361,771
Montgomery.....	119,702	82,615	64,551	56,352	-----	423	-----	199,982	16,171	9,875	549,671
Shelby.....	3,454	-----	-----	3,454	-----	-----	-----	3,454	-----	-----	10,362

Seventh District totals.....	286,838	362,356	209,689	33,358	25,395	11,932	40,655	612,522	66,955	17,157	1,663,887
Bond.....	8,584	8,006						11,445		577	28,612
Madison.....	233,192	296,687	179,227	29,775	25,395	11,932	40,655	455,505	32,952	7,133	1,342,513
Marion.....	45,062	57,663	27,462	3,583				115,572	33,973	9,447	292,762
Eighth District totals.....	599,011	410,326	107,388	103,691	19,772	13,713	8,505	796,988	246,840	21,780	2,328,014
Clinton.....	96,611	45,769	25,498	7,609				96,894	5,034	6,775	284,250
St. Clair.....	502,400	364,557	81,890	96,022	19,772	13,713	8,505	700,094	241,806	15,005	2,043,764
Ninth District totals.....	617,331	659,619	399,721	268,981	50,498	33,342	38,646	1,463,834	1,659,948	58,025	5,249,945
Jackson.....	160,146	230,621	96,159	172,703	23,068		8,512	643,728	128,447	13,965	1,479,068
Perry.....	363,377	363,251	289,400	79,965	12,449	11,446	18,240	710,930	1,138,818	34,896	3,019,772
Randolph.....	54,749	38,349	17,162	8,192	13,781	17,277	11,894	236,755	236,755	7,968	435,196
Washington.....	39,059	27,398		8,121	1,200	2,900		80,107	155,928	1,196	315,909
Tenth District totals.....	999,604	1,404,093	781,297	350,489	265,119	105,048	592,676	2,798,194	225,316	258,326	7,780,162
Franklin.....	999,604	1,404,093	781,297	350,489	265,119	105,048	592,676	2,798,194	225,316	258,326	7,780,162
Eleventh District totals.....	397,450	485,867	385,716	137,110	102,806	40,829	66,085	839,751	247,494	28,585	2,731,693
Saline.....	388,100	484,508	385,716	131,499	102,806	40,416	66,085	826,399	247,494	27,664	2,700,687
White.....	9,350	1,359		5,611		413		13,352		921	31,006
Twelfth District totals.....	204,115	275,359	217,752	58,226	11,651	16,463	59,882	752,590	241,762	61,352	1,899,152
Williamson.....	204,115	275,359	217,752	58,226	11,651	16,463	59,882	752,590	241,762	61,352	1,899,152
Shipping mines.....	7,050,730	6,288,941	3,331,721	1,340,790	708,569	314,875	906,235	12,941,084	5,232,511	540,071	38,655,527
Local mines.....									3,042,905	25,646	3,068,551
The State.....	7,050,730	6,288,941	3,331,721	1,340,790	708,569	314,875	906,235	12,941,084	8,275,416	565,717	41,724,078

TABLE 24—DISPOSITION OF OUTPUT OF SHIPPING MINES BY COUNTIES IN EACH DISTRICT, WITH DISTRICT TOTALS, AND LOCAL MINES FOR THE STATE.

County.	Disposition of output—tons.									
	Total tons mined.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed at the mine.	All coal not sold including waste.	Tons handled by railroads.	Tons disposed of locally.	Percentage of tonnage handled.
First District totals.....	1,777,138	1,250,046	252,069	721	246,269	9,920	18,113	1,502,836	274,302	84.6
Henry.....	559,617	502,162	22,270	21	24,385	5,558	5,221	524,433	35,164	93.7
Lafayette.....	189,807	79,651	141	---	108,592	1,537	---	110,015	110,015	42.0
Putnam.....	80,913	34,270	6,000	700	8,100	1,727	10,116	60,970	19,943	75.4
Will.....	946,801	613,963	223,658	---	105,192	2,098	1,890	837,621	109,180	88.5
Second District totals.....	1,568,939	365,558	93,760	---	207,330	7,160	5,131	1,349,318	219,621	86.0
Peoria.....	1,253,104	205,411	960,973	---	84,220	598	1,962	1,166,384	86,780	98.1
Tazewell.....	212,515	116,395	22,367	---	73,363	300	---	138,762	73,753	65.3
Woodford.....	103,260	43,752	420	---	49,807	6,262	3,019	44,172	59,088	42.8
Third District totals.....	1,838,159	1,163,173	529,734	---	118,454	9,517	17,281	1,692,907	145,252	92.1
Fulton.....	1,526,408	1,140,663	316,214	---	46,039	8,791	14,791	1,453,877	69,531	95.4
Knox.....	311,751	22,510	213,520	---	72,415	816	2,490	236,030	75,721	75.7
Fourth District totals.....	6,056,629	4,592,179	1,019,085	18,276	360,854	45,484	20,751	5,629,540	427,089	92.9
Christian.....	3,860,706	3,346,744	361,034	17,423	110,901	22,614	1,900	3,795,201	135,505	96.5
Sangamon.....	2,195,923	1,245,435	658,051	853	249,953	22,870	18,761	1,904,339	291,584	86.7
Fifth District totals.....	1,840,005	1,135,827	518,450	2,206	172,730	10,414	378	1,656,483	183,522	90.0
Macon.....	164,401	46,278	---	---	117,895	---	228	46,278	118,123	28.1
Vermilion.....	1,675,604	1,089,549	518,450	2,206	54,835	10,414	150	1,610,205	65,399	96.1
Sixth District totals.....	3,921,804	1,064,764	2,569,435	2,008	122,912	118,861	43,824	3,636,207	285,597	92.7
Macoupin.....	3,361,771	746,441	2,396,240	2,008	76,873	106,259	33,950	3,144,659	217,082	93.5
Montgomery.....	549,671	316,323	173,195	---	39,277	11,002	9,874	489,518	60,153	10.9
Shelby.....	10,362	2,000	---	---	6,762	1,600	---	2,000	8,362	19.3

Seventh District totals.....	1,663,887	1,244,443	146,453	-----	173,634	62,919	36,438	1,390,896	272,991	83.6	16.4
Boad.....	98,612	20,376	2,455	-----	3,404	1,800	577	22,831	5,781	79.8	20.2
Madison.....	1,342,513	1,062,340	76,772	-----	138,647	38,844	25,910	1,139,112	203,401	84.8	15.2
Marion.....	292,762	161,727	67,226	-----	31,583	22,275	9,951	228,953	63,809	78.2	21.8
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Eighth District totals.....	2,322,014	1,075,850	265,955	24,752	825,482	73,307	62,668	1,366,557	961,457	55.7	44.3
Clinton.....	284,250	179,157	5,879	-----	79,365	16,042	3,807	185,036	99,214	65.1	34.9
St. Clair.....	2,043,764	896,693	260,076	24,752	746,117	57,265	58,861	1,181,521	862,243	57.8	42.2
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Ninth District totals.....	5,249,945	2,724,172	2,065,999	51,868	234,631	70,002	73,273	4,872,039	377,906	92.8	7.2
Jackson.....	1,479,068	1,073,787	384,469	-----	4,075	2,772	13,965	1,458,256	20,812	98.6	1.4
Perry.....	3,019,772	1,382,277	1,344,790	21,936	186,464	39,172	45,143	2,748,993	270,779	91.0	9.0
Randolph.....	435,196	154,371	248,787	-----	11,548	12,522	7,068	403,158	32,038	92.6	7.4
Washington.....	315,999	113,737	117,953	29,942	32,544	15,536	6,197	261,632	54,277	82.8	17.2
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Tenth District totals.....	7,780,162	4,728,661	2,556,922	-----	88,686	110,213	295,680	7,285,583	494,579	93.6	6.4
Franklin.....	7,780,162	4,728,661	2,556,922	-----	88,686	110,213	295,680	7,285,583	494,579	93.6	6.4
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Eleventh District totals.....	2,731,693	2,029,660	541,086	-----	76,709	54,403	29,835	2,570,746	160,947	94.1	5.9
Saline.....	2,700,687	2,019,373	541,086	-----	60,649	51,915	27,664	2,560,459	140,228	94.8	5.2
White.....	31,006	10,287	-----	-----	16,060	2,488	2,171	10,287	20,719	33.2	66.8
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Twelfth District totals.....	1,899,152	1,171,294	605,605	-----	40,608	42,972	38,673	1,776,899	122,253	93.6	6.4
Williamson.....	1,899,152	1,171,294	605,605	-----	40,608	42,972	38,673	1,776,899	122,253	93.6	6.4
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Shipping mines.....	38,635,527	22,545,627	12,084,553	99,831	2,668,999	615,172	642,045	34,730,011	3,925,516	89.8	10.2
Local mines.....	3,068,551	-----	-----	-----	2,958,021	84,884	25,646	-----	3,068,551	-----	100.0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
The State.....	41,724,078	22,545,627	12,084,553	99,831	5,626,320	700,056	667,691	34,730,011	6,994,067	83.2	16.8

TABLE 25—TONS MINED FOR THE YEARS 1925-1934, INCLUSIVE, ARRANGED BY DISTRICTS AND BY COUNTIES ALPHABETICALLY WITHIN EACH DISTRICT.

	*1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Bureau County.....	604,349	380,428	119,052	5,009	8,175	13,324	10,973	16,632	18,268	31,351
Shipping mines.....	587,198	369,970	111,208		3,019	6,084				
Local mines.....	17,151	10,458	7,844	5,009	5,156	7,240	10,973	16,632	18,268	31,351
Grundy County.....	684,666	444,245	241,099	459,876	410,442	101,776	32,564	68,791	127,167	138,455
Shipping mines.....	678,979	441,750	227,511	433,266	380,383	73,046				
Local mines.....	5,687	2,495	13,588	26,610	30,059	28,730	32,564	68,791	127,167	138,455
Henry County.....	246,073	165,465	85,625	34,269	86,263	504,761	775,956	745,982	744,313	664,558
Shipping mines.....	167,389	135,738	46,616		48,600	442,322	696,554	655,055	642,262	559,617
Local mines.....	78,684	29,727	39,009	34,269	37,663	62,439	79,402	90,927	102,051	105,241
Kankakee County.....						800				
Shipping mines.....										
Local mines.....						800				
LaSalle County.....	995,136	652,726	444,253	418,298	548,257	326,341	316,035	356,879	352,735	324,465
Shipping mines.....	648,318	401,546	192,716	206,557	334,773	155,795	170,324	132,155	198,290	189,907
Local mines.....	346,818	251,180	251,537	211,741	213,484	170,546	145,711	224,724	154,445	134,558
Livingston County.....	49,636	28,185	22,142	27,804	26,638	24,351	23,830	31,970	29,569	25,724
Shipping mines.....										
Local mines.....	49,636	28,185	22,142	27,804	26,638	24,351	23,830	31,970	29,569	25,724
Mercer County.....	156,146	93,672	72,599	30,159	27,936	23,744	21,796	32,403	41,154	40,354
Shipping mines.....	98,002	68,376	36,445							
Local mines.....	58,144	25,296	36,154	30,159	27,936	23,744	21,796	32,403	41,154	40,354
Putnam County.....										
Shipping mines.....						2,873	13,387	104,555	68,953	80,913
Local mines.....							13,387	104,555	68,953	80,913

Rock Island County.....	45,460	20,046	32,455	21,732	18,670	17,345	34,774	47,775	67,887	78,298
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	45,460	20,046	32,455	21,732	18,670	17,345	34,774	47,775	67,887	78,298
Will County.....	17,358	18,807	17,672	234,920	701,280	865,665	988,500	976,178	982,016	968,951
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	17,358	18,807	17,672	234,920	701,280	865,665	988,500	976,178	982,016	968,951
First District total.....	2,798,824	1,803,574	1,034,597	1,232,067	1,827,661	1,880,981	2,217,815	2,381,165	2,432,062	2,353,809
Shipping mines.....	2,179,886	1,417,380	614,496	806,191	1,468,025	1,542,913	1,808,765	1,867,943	1,891,521	1,777,138
Local mines.....	618,938	386,194	420,401	365,876	359,636	338,068	349,050	513,222	540,541	576,731
Marshall County.....	46,266	7,678	20,127	19,693	13,205	7,796	6,128	11,640	13,623	12,722
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	17,534	7,678	20,127	19,693	13,205	7,796	6,128	11,640	13,623	12,722
McLean County.....	31,610	22,480	16,866	8,951	-----	-----	-----	-----	-----	-----
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	31,610	22,480	16,866	8,951	-----	-----	-----	-----	-----	-----
Peoria County.....	1,460,287	1,164,312	945,495	1,505,782	1,636,697	967,745	1,214,567	748,358	1,443,261	1,536,550
Shipping mines.....	1,131,487	931,485	743,853	1,289,091	1,294,065	775,067	1,030,832	512,250	1,158,579	1,253,164
Local mines.....	328,800	232,827	201,642	216,691	342,632	192,678	183,735	236,108	284,682	283,386
Stark County.....	20,308	6,976	10,253	8,512	12,197	14,051	8,754	12,082	15,801	20,842
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	20,308	6,976	10,253	8,512	12,197	14,051	8,754	12,082	15,801	20,842
Tazewell County.....	824,159	361,468	435,454	577,262	509,480	437,791	343,221	395,611	325,668	328,142
Shipping mines.....	699,510	319,581	384,975	512,109	422,647	337,662	251,344	273,664	219,069	212,515
Local mines.....	124,649	41,887	50,479	65,153	86,833	100,129	91,877	121,917	106,599	115,627
Woodford County.....	158,775	99,597	76,665	68,640	64,335	68,925	48,447	67,387	98,082	103,260
Shipping mines.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Local mines.....	158,775	99,597	76,665	68,640	64,335	68,925	48,447	67,387	98,082	103,260
Second District total.....	2,541,405	1,662,511	1,504,560	2,188,840	2,235,914	1,490,308	1,621,117	1,235,078	1,896,435	2,001,516
Shipping mines.....	2,007,306	1,350,663	1,205,493	1,869,840	1,781,047	1,181,654	1,330,623	853,301	1,475,780	1,568,989
Local mines.....	534,099	311,848	299,367	319,000	454,867	314,654	290,494	381,777	420,705	432,527

TABLE 25—Continued.

	•1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Adams County.....	870	1,568	240	68						64
Shipping mines.....										
Local mines.....	870	1,568	240	68						64
Brown County.....										3,052
Shipping mines.....										
Local mines.....										3,052
Fulton County.....	3,023,235	1,852,022	1,633,925	1,708,405	1,729,145	1,634,772	1,398,903	1,385,613	1,312,939	1,603,249
Shipping mines.....	2,734,395	1,661,225	1,375,691	1,532,373	1,558,217	1,474,002	1,229,431	1,116,524	994,505	1,526,408
Local mines.....	288,840	190,797	258,234	176,032	170,928	160,770	169,512	269,089	318,434	166,841
Hancock County.....	3,044	1,383	2,225	6,076	5,941	3,836	3,135	4,783	3,928	2,748
Shipping mines.....										
Local mines.....	3,044	1,383	2,225	6,076	5,941	3,836	3,135	4,783	3,928	2,748
Knox County.....	70,337	51,171	133,667	145,466	217,886	341,889	340,797	296,538	417,607	387,562
Shipping mines.....		24,178	104,197	123,024	191,821	294,517	290,581	238,722	295,536	311,751
Local mines.....	70,337	26,993	29,470	22,442	26,065	47,372	50,216	57,816	122,071	75,811
McDonough County.....	26,614	18,372	15,866	11,185	9,054	8,867	11,836	27,357	14,775	10,072
Shipping mines.....										
Local mines.....	26,614	18,372	15,866	11,185	9,054	8,867	11,836	27,357	14,775	10,072
Schuyler County.....	34,202	17,510	21,652	23,871	23,189	25,864	35,508	34,037	32,811	50,897
Shipping mines.....										
Local mines.....	34,202	17,510	21,652	23,871	23,189	25,864	35,508	34,037	32,811	50,897
Warren County.....	10,101	4,372	6,071	9,359	5,297	5,482	4,672	6,977	7,791	8,677
Shipping mines.....										
Local mines.....	10,101	4,372	6,071	9,359	5,297	5,482	4,672	6,977	7,791	8,677

Third District total.....	3,168,403	1,946,398	1,813,046	1,904,430	1,990,512	2,020,710	1,795,001	1,755,305	1,789,901	2,156,321
Shipping mines.....	2,734,395	1,685,403	1,479,888	1,655,397	1,750,038	1,708,519	1,520,062	1,355,246	1,290,041	1,838,159
Local mines.....	434,008	260,995	333,758	249,033	240,474	252,191	274,939	400,059	499,860	318,162
Cass County.....	5,762	2,371	1,528	886	500	755		1,240	812	1,758
Shipping mines.....										
Local mines.....	5,762	2,371	1,528	886	500	755		1,240	812	1,758
Christian County.....	6,063,135	4,295,495	2,707,681	3,604,472	3,655,022	3,635,976	2,987,378	1,844,735	3,840,792	3,866,706
Shipping mines.....	6,063,135	4,293,635	2,707,681	3,604,472	3,655,022	3,635,976	2,981,000	1,835,286	3,836,292	3,880,706
Local mines.....		1,860					6,378	9,449	4,500	6,000
Logan County.....	343,114	222,351	150,617	146,473	137,224	130,350	114,519	94,504	28,122	
Shipping mines.....	343,114	222,351	150,617	146,473	137,224	130,350	114,519	94,504	28,122	
Local mines.....										
Menard County.....	98,902	56,387	80,249	80,547	83,445	99,573	89,215	96,007	79,354	105,972
Shipping mines.....										
Local mines.....	98,902	56,387	80,249	80,547	83,445	99,573	89,215	96,007	79,354	105,972
Morgan County.....	2,030	240	598	1,729	720	300	1,066	2,253	2,175	705
Shipping mines.....										
Local mines.....	2,030	240	598	1,729	720	300	1,066	2,253	2,175	705
Pike County.....			140	943	500		1,130	2,160		
Shipping mines.....										
Local mines.....			140	943	500		1,130	2,160		
Sangamon County.....	8,026,000	5,476,167	3,119,517	3,739,423	4,275,675	3,700,419	3,352,211	1,821,826	2,081,211	2,343,288
Shipping mines.....	8,487,366	5,406,963	3,036,773	3,644,832	4,160,197	3,577,046	3,218,458	1,667,479	1,942,248	2,195,923
Local mines.....	138,634	69,204	82,744	94,591	115,478	123,373	133,753	154,347	138,963	147,365
Scott County.....	6,562	3,053	1,696	2,113	2,929	1,408	1,609	4,492	1,317	4,955
Shipping mines.....										
Local mines.....	6,562	3,053	1,696	2,113	2,929	1,408	1,609	4,492	1,317	4,955
Fourth District total.....	15,145,365	10,056,064	6,062,026	7,576,586	8,156,025	7,568,781	6,547,128	3,867,217	6,003,783	6,323,444
Shipping mines.....	14,889,615	9,922,949	5,895,071	7,335,777	7,952,453	7,343,372	6,313,977	3,597,269	5,806,602	6,056,629
Local mines.....	251,890	133,115	166,955	180,809	203,572	225,409	233,151	269,948	227,121	266,815

TABLE 25—Continued.

	1925*	1926	1927	1928	1929	1930	1931	1932	1933	1934
Edgar County.....	6,824	3,549	19,797	31,534	10,243	9,896	9,428	18,266	19,299	24,290
Shipping mines.....			16,881	24,345	3,100					
Local mines.....	6,824	3,549	2,916	7,189	7,143	9,896	9,428	18,266	19,299	24,290
Macon County.....	228,761	154,133	128,220	127,208	130,159	99,671	82,274	77,938	146,523	164,401
Shipping mines.....			128,220	127,208	130,159	99,671	82,274		146,523	164,401
Local mines.....	228,761	154,133						77,938		
Vermilion County.....	5,203,015	3,147,825	2,741,682	3,353,548	3,053,187	2,930,924	2,540,023	1,928,377	2,004,328	1,945,425
Shipping mines.....	4,764,781	2,838,257	2,450,472	3,062,164	2,758,074	2,668,583	2,316,847	1,674,828	1,785,515	1,675,604
Local mines.....	438,234	309,568	291,210	291,384	295,113	262,341	223,176	253,549	278,813	269,821
Fifth District total.....	5,438,600	3,305,507	2,889,699	3,512,290	3,193,589	3,040,491	2,631,725	2,024,581	2,230,150	2,134,116
Shipping mines.....	4,993,542	2,992,390	2,595,573	3,213,717	2,891,333	2,768,254	2,389,121	1,674,828	1,932,038	1,840,005
Local mines.....	445,058	313,117	294,126	298,573	302,256	272,237	232,604	349,753	298,112	294,111
Green County.....	14,895	5,538	6,947	6,382	765	7,933	17,756	24,442	21,496	15,522
Shipping mines.....										
Local mines.....	14,895	5,538	6,947	6,382	765	7,933	17,756	24,442	21,496	15,522
Jersey County.....	1,700	740	600			600	2,086	1,901	1,747	2,380
Shipping mines.....										
Local mines.....	1,700	740	600			600	2,086	1,901	1,747	2,380
Macoupin County.....	9,239,861	6,291,897	3,306,496	4,639,228	5,075,087	4,646,527	3,992,552	1,938,522	3,048,648	3,372,601
Shipping mines.....	9,221,059	6,265,070	3,297,910	4,633,435	5,069,571	4,639,721	3,984,432	1,930,406	3,040,290	3,361,771
Local mines.....	18,802	26,827	8,586	5,793	5,516	6,806	8,120	8,116	8,358	10,830
Montgomery County.....	3,134,971	1,865,294	1,034,245	1,411,345	1,866,886	1,599,246	1,255,432	626,674	659,084	549,671
Shipping mines.....	3,131,921	1,865,294	1,034,245	1,411,345	1,866,886	1,599,246	1,255,432	626,674	659,084	549,671
Local mines.....	3,050									

TABLE 25—Continued.

	1925*	1926	1927	1928	1929	1930	1931	1932	1933	1934
Monroe County		541	553	77				4,232	505	444
Shipping mines										
Local mines		541	553	77				4,232	505	444
St. Clair County	4,564,455	3,427,422	3,083,070	2,955,266	2,803,441	2,447,784	2,778,643	2,166,309	2,431,681	2,508,219
Shipping mines	4,332,971	3,219,902	2,893,267	2,754,277	2,587,572	2,142,740	2,430,146	1,812,940	2,087,754	2,043,764
Local mines	231,484	207,460	189,803	200,989	215,869	305,044	348,497	353,369	373,927	404,455
Eighth District total	6,007,266	4,228,490	3,666,702	3,403,455	3,346,284	2,812,551	2,902,180	2,263,436	2,644,410	2,792,913
Shipping mines	5,775,782	4,020,489	3,476,346	3,262,389	3,130,415	2,507,507	2,613,653	1,905,835	2,209,978	2,328,014
Local mines	231,484	208,001	190,356	201,066	215,869	305,044	348,497	357,601	374,432	404,899
Jackson County	2,319,363	1,794,831	1,007,299	904,194	1,576,752	2,054,836	1,938,141	1,391,403	1,234,189	1,525,513
Shipping mines	2,248,049	1,748,354	962,868	838,797	1,528,044	2,003,806	1,892,008	1,336,968	1,179,090	1,479,068
Local mines	71,314	46,477	44,431	65,397	48,708	51,030	46,133	54,435	55,099	46,445
Perry County	3,396,976	2,327,290	1,641,691	2,237,661	2,940,513	3,309,648	2,990,440	3,086,528	2,602,398	3,088,966
Shipping mines	3,366,752	2,308,203	1,626,041	2,224,360	2,923,936	3,297,842	2,973,148	3,065,944	2,580,392	3,019,772
Local mines	30,224	19,087	15,650	13,301	16,577	11,806	17,292	20,584	22,006	19,194
Randolph County	1,417,048	1,013,687	662,559	638,584	564,984	443,195	409,188	237,509	396,843	477,330
Shipping mines	1,352,686	976,560	613,484	596,036	519,289	399,775	426,289	195,599	336,582	435,196
Local mines	64,362	37,127	49,075	42,548	45,695	43,420	42,899	41,910	40,291	42,134
Washington County	54,232	109,233	302,636	501,932	525,632	531,304	384,350	340,327	264,656	320,942
Shipping mines	47,532	104,733	292,159	494,920	518,432	522,324	378,850	333,827	257,805	315,909
Local mines	6,700	4,500	10,477	7,012	7,200	8,980	5,500	6,500	6,851	5,033
Ninth District total	7,187,619	5,305,041	3,614,185	4,282,371	5,607,881	6,338,983	5,782,119	5,055,767	4,498,086	5,362,751
Shipping mines	7,015,019	5,197,850	3,494,552	4,154,113	5,489,701	6,223,747	5,670,295	4,932,338	4,373,839	5,249,945
Local mines	172,600	107,191	119,633	128,258	118,180	115,236	111,824	123,429	124,247	112,806

Franklin County	21,545,717	15,741,550	10,360,881	14,078,923	14,819,448	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162
Shipping mines	21,545,717	15,741,550	10,360,881	14,078,923	14,819,448	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162
Local mines										
Jefferson County	521,460	78,923	45,160							541
Shipping mines	521,460	78,923	45,160							541
Local mines										
Tenth District total	22,067,177	15,820,473	10,406,041	14,078,923	14,819,448	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162
Shipping mines	22,067,177	15,820,473	10,406,041	14,078,923	14,819,448	11,997,347	9,531,560	7,064,359	6,703,883	7,780,162
Local mines										541
Gallatin County	77,250	43,144	65,132	26,858	23,623	21,604	29,152	25,239	37,362	33,656
Shipping mines	54,611	15,044	45,281	9,181	9,348	2,350				
Local mines	22,639	28,100	19,851	17,677	14,275	19,314	29,152	25,239	37,362	33,656
Pope County				100	100	150	250	50	250	200
Shipping mines										
Local mines				100	100	150	250	50	250	200
Saline County	6,704,363	4,740,946	3,173,201	3,671,157	4,132,043	3,670,144	2,973,465	2,439,707	2,502,688	2,734,233
Shipping mines	6,690,152	4,734,358	3,156,096	3,653,026	4,120,143	3,655,452	2,957,019	2,401,303	2,479,470	2,700,687
Local mines	14,211	6,588	17,105	18,131	11,900	14,692	16,446	28,404	23,018	33,546
Wabash County	14,330	5,485	5,607	4,552	6,232	6,602	6,608	10,117	13,370	14,212
Shipping mines										
Local mines	14,330	5,485	5,607	4,552	6,232	6,602	6,608	10,117	13,370	14,212
White County	23,525	15,392	56,191	57,558	34,841	25,423	8,608	27,747	26,483	31,006
Shipping mines	23,525	15,392	56,191	57,558	34,841	25,423	8,608	27,747	26,483	31,006
Local mines										
Eleventh District total	6,819,468	4,804,967	3,300,131	3,760,225	4,196,839	3,723,955	3,018,083	2,492,860	2,580,153	2,813,307
Shipping mines	6,768,288	4,764,794	3,257,568	3,719,765	4,164,332	3,683,225	2,965,627	2,439,050	2,566,153	2,731,693
Local mines	51,180	40,173	42,563	40,460	32,507	40,758	52,456	63,810	74,000	81,614

TABLE 25—Continued.

	1925*	1926	1927	1928	1929	1930	1931	1932	1933	1934
Johnson County.....	7,211	1,410	1,910	565	58	2,286	1,690	1,440	1,358	729
Shipping mines.....										
Local mines.....	7,211	1,410	1,910	565	58	2,286	1,690	1,440	1,358	729
Williamson County.....	13,433,016	8,198,354	5,041,593	5,181,894	5,274,804	4,107,573	2,165,819	1,933,638	2,036,247	2,090,090
Shipping mines.....	13,349,579	8,149,328	5,001,872	5,126,741	5,223,641	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152
Local mines.....	83,437	49,026	39,721	55,153	51,163	73,728	75,721	125,910	144,064	190,938
Twelfth District total.....	13,440,227	8,199,764	5,043,503	5,182,459	5,274,862	4,109,859	2,167,509	1,935,078	2,037,635	2,090,819
Shipping mines.....	13,349,579	8,149,328	5,001,872	5,126,741	5,223,641	4,033,845	2,090,098	1,807,728	1,892,183	1,899,152
Local mines.....	90,648	50,436	41,631	55,718	51,221	76,014	77,411	127,350	145,452	191,667
The State.....	103,185,166	69,813,255	46,949,700	56,211,082	61,127,759	54,035,116	45,152,623	34,120,786	38,320,125	41,724,078
Shipping mines.....	100,012,299	67,536,441	44,926,433	54,284,184	59,075,995	51,906,608	43,073,058	31,402,399	35,390,677	38,655,527
Local mines.....	3,173,867	1,976,814	2,023,267	1,926,898	2,051,764	2,038,508	2,079,565	2,718,387	2,929,448	3,068,551

* July 1, 1924 to December 31, 1925.

TABLE 26—MINES SERVED BY RAILROADS AND THE INITIALS OF ROADS SERVING—ARRANGED BY COUNTIES AND DISTRICTS.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
HENRY COUNTY.....		502,162	22,270	21	524,453
Midland Electric Coal Co.....	C. R. I. & P.	448,258	4,885	21	453,164
	Belt Ry. Co.		14,544		14,544
Schuler Coal Co.....	B. M. & N. W.	53,904	649		56,096
	C. B. & Q.		2,192		
LA SALLE COUNTY.....		79,651	141		79,792
Union Coal Co.....	C. R. I. & P.	60,099			60,099
Illinois Zinc Co.....	C. R. I. & P.	14,472			14,472
Buffalo Rock Coal Co.....	C. R. I. & P.	5,080	141		5,221
PUTNAM COUNTY.....		54,270	6,000	700	60,970
Prairie State Coal Co.....	R. I. & N.	27,150	5,000	700	32,850
	C. M. St. P. & P.	26,320	1,000		27,320
	N. Y. C.	800			800
WILL COUNTY.....		613,963	223,658		837,621
Northern Illinois Coal Corp.....	C. & A.	304,564	168,319		472,883
	A. T. & S. F.	309,399	44,010		353,409
	Belt.....		11,329		11,329
Total First District.....		1,250,046	252,069	721	1,502,836
PEORIA COUNTY.....		205,411	960,973		1,166,384
Crescent Mining Co., No. 6.....	C. R. I. & P.		582,374		582,374
	P. T. Co.	134,211	521		134,732
	P. & P. U.		6,463		6,463
Crescent Mining Co., No. 1.....	C. R. I. & P.		257,177		257,177
	P. T. Co.	13,879	2,592		16,471
	P. & P. U.		16,921		16,921
Dorthel Coal Co., No. 1.....	M. & St. L.	20,637	86,204		106,841
	C. & N. W.		204		204
Glenwood Mining Co.....	C. B. & Q. Ry.	36,684	8,517		45,201
TAZEWELL COUNTY.....		116,395	22,367		138,762
Lake Erie Mining Co.....	P. & P. U.	107,252	22,182		129,434
	M. & St. L.		185		185
Ubben Coal Co.....	C. C. C. & St. L.	9,143			9,143
WOODFORD COUNTY.....		43,752	420		44,172
W. G. Sutton.....	I. C.	32,719			32,719
	A. T. & S. F.	1,030			1,030
Roanoke Coal & Tile Co.....	A. T. & S. F.	10,003	420		10,423
Total Second District.....		365,558	983,760		1,349,318
FULTON COUNTY.....		1,140,663	316,214		1,456,877
Midland Electric Coal Corp.....	M. & St. L.	371,908	53,421		425,329
Truax-Traer Coal Co.....	C. B. & Q.	303,873	46,850		350,723
	Belt.....		10,184		10,184
United Electric Coal Co., No. 9.....	C. B. & Q.	264,894	60,318		325,212
Dorthel Coal Co., No. 3.....	M. & St. L.	74,074	85,750		159,824
	P. & P. U.		1,775		1,775
	C. & N. W.		1,203		1,203
Blakeley Coal Co.....	C. B. & Q.	30,908			30,908
Pschirrer & Sons.....	T. P. & W.	20,875	20,000		40,875
Illinois Colliery Co.....	C. B. & Q.	27,831	7,800		35,631
Canton Coal Co.....	C. B. & Q.	19,640	15,270		34,910
Dorthel Coal Co., No. 2.....	M. & St. L.	4,623	13,085		17,708
	P. & P. U.		100		100
	C. & N. W.		458		458
Sunnyside Coal Co.....	T. P. & W.	1,348			1,348
Golden Rule Coal Co.....	M. & St. L.	7,251			7,251
Geo. Swords.....	T. P. & W.	4,440			4,440
E. A. Reed Coal Co.....	T. P. & W.	5,646			5,646
Living & Smith.....	T. P. & W.	3,352			3,352

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
KNOX COUNTY -----					
Galesburg Mining Co.	A. T. & S. F.	22,510	213,520		236,030
Total Third District		1,163,173	529,734		1,692,907
CHRISTIAN COUNTY -----					
Peabody Coal Co., No. 9.	C. & I. M.	908,928	106,806		1,015,734
Peabody Coal Co., No. 7.	C. & I. M.	929,126	42,347		981,473
Peabody Coal Co., No. 8.	C. & I. M.	857,316	6,814		864,130
Peabody Coal Co., No. 58.	C. & I. M.	542,709			542,709
	Wabash		190,951		190,951
	C. R. I. & P.		2,517		2,517
Pana Coal Co.	I. C.	49,075	6,383	17,423	72,881
	B. & O.	2,698			2,698
	C. C. C. & St. L.	1,619			1,619
	C. & E. I.	208			208
Penwell Coal Mining Co.	I. C.	42,618	5,216		47,834
	B. & O.	2,201			2,201
	C. C. C. & St. L.	246			246
SANGAMON COUNTY		1,245,435	658,051	853	1,904,339
Central Illinois Mining Co., "A"	C. S. & St. L.	136,384	173,715		310,099
Peabody Coal Co., No. 59.	S. T.	250,821	43,684	853	295,358
Peabody Coal Co., No. 57.	I. C.	77,647	13,841		91,488
	B. & O.	24,388	38,988		63,376
	I. T. C.	99,838			99,838
Mine B. Coal Co.	C. S. & St. L.	40,901	2,544		43,445
	C. & A.	41,081	37,900		78,981
	Wabash	47,850	68,815		116,665
Panther Creek Mines, No. 4.	C. & A.	90,124	75,995		166,119
	B. & O.	4,164			4,164
	Wabash	9,868	14,543		24,411
	I. C.	11,623			11,623
	I. T. C.	2,884			2,884
	C. S. & St. L.	4,760			4,760
Peabody Coal Co., No. 53.	C. & I. M.	19,407			19,407
	Wabash	64,745	63,626		128,371
	C. & A.	11,389	12,946		24,335
	I. C.	1,309			1,309
	B. & O.	188			188
	C. & I. M.	48,894			48,894
	I. T. C.	1,407			1,407
Sangamon Coal Co., No. 2.	C. S. & St. L.	384			384
	C. & A.	44,200	20,439		64,639
	I. C.	21,900	14,839		36,739
	Wabash	16,780	19,612		36,392
	I. T. C.	7,100			7,100
Panther Creek Mines, No. 5.	C. & I. M.	5,172			5,172
	C. & A.	39,481	42,273		81,754
	Wabash	4,080	4,831		8,911
	I. C.	6,874			6,874
	C. & I. M.	7,372			7,372
	I. T. C.	2,192			2,192
	C. S. & St. L.	2,085			2,085
	B. & O.	531			531
Jefferson Coal Mining Co.	C. & A.		5,231		5,231
	I. C.		199		199
	Wabash		4,030		4,030
	B. & O.	48,620			48,620
Peabody Coal Co., No. 51.	C. & I. M.	48,992			48,992
Total Fourth District		4,592,179	1,019,085	18,276	5,629,540
MACON COUNTY -----					
Macon County Coal Co.	I. C.	46,278			46,278
		46,278			46,278

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
VERMILION COUNTY.....		1,089,549	518,450	2,206	1,610,205
Peabody Coal Co., No. 24.....	C. C. C. & St. L.....	93,008	223,497		316,505
United States Fuel Co., "Bun".....	C. & E. I.....	218,146			218,146
	E. J. & E.....		262,128		262,128
	C. & E. I.....	732,370		2,206	734,576
Tilton Mining Co.....	Wabash.....	17,652	31,500		49,152
Oakwood Coal Co.....	P. & E.....	810	1,025		1,835
Coal Stripping Co., No. 2.....	I. T. C.....	11,572			11,572
United Electric Coal Co., No. 12.....	I. T. C.....	15,961			15,961
Total Fifth District.....		1,135,827	518,450	2,206	1,656,483
MACOUPIN COUNTY.....		746,441	2,396,240	2,008	3,144,689
Consolidated Coal Co. of St. Louis, No. 15.....	Wabash.....	430,624	282,373		712,997
Superior Coal Co., No. 2.....	C. & N. W.....		703,716		703,716
Superior Coal Co., No. 3.....	C. & N. W.....		690,572		690,572
Superior Coal Co., No. 1.....	C. & N. W.....		644,654		644,654
Gillespie Coal Co.....	I. T. C.....	300,378			300,378
Superior Coal Co., No. 4.....	C. & N. W.....		72,839		72,839
Viriden Coal Co.....	C. & A.....	4,670	629		5,299
	C. B. & Q.....	1,768			1,768
Mt. Olive Coal Co.....	I. C.....	9,001	1,457	2,008	12,466
MONTGOMERY COUNTY.....		316,323	173,195		489,518
Indiana & Illinois Coal Corp., No. 10.....	C. & E. I.....	58,427	28,232		86,659
Hillsboro Coal Co.....	C. C. C. & St. L.....	163,843	97,735		261,578
	C. C. C. & St. L.....	94,053	47,228		141,281
SHELBY COUNTY.....		2,000			2,000
Erie Sootless Coal Co.....	I. C.....	2,000			2,000
Total Sixth District.....		1,064,764	2,569,435	2,008	3,636,207
BOND COUNTY.....		20,376	2,455		22,831
Illinois Pechahontas Coal Co.....	P. R. R.....	20,376	2,455		22,831
MADISON COUNTY.....		1,062,340	76,772		1,139,112
Mt. Olive & Staunton Coal Co., No. 2.....	L. & M.....	563,203			563,203
Lumaghi Coal Co., No. 2.....	P. R. R.....	284,711	33,362		318,073
Livingston-Mt. Olive Coal Co.....	C. C. C. & St. L.....	57,902	22,405		80,307
	C. & E. I.....	38,643	11,929		50,572
Madison County Coal & Mining Co.....	I. T. C.....	100,040	2,447		102,487
Chicopee Coal Co.....	I. T. C.....	6,293			6,293
Stiers Bros. Construction Co.....	C. C. C. & St. L.....	7,746	6,629		14,375
Bullock Mining Co.....	P. R. R.....	3,802			3,802
MARION COUNTY.....		161,727	67,226		228,953
Marion County Coal Co.....	I. C.....	67,254	18,988		86,242
	C. B. & Q.....	77,983	31,674		109,657
	M. & I.....	3,365	1,209		4,574
Odin Coal Co.....	I. C.....	11,990	15,355		27,345
	B. & O.....	1,135			1,135
Total Seventh District.....		1,244,443	146,453		1,390,896
CLINTON COUNTY.....		179,157	5,879		185,036
Southern Coal, Coke & Mining Co., No. 9.....	Southern.....	123,435	5,426		128,861
Citizens Coal Co.....	B. & O.....	37,958			37,958
Beckemeyer Coal Co.....	B. & O.....	17,764	453		18,217

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
ST. CLAIR COUNTY		896,693	260,076	24,752	1,181,521
St. Louis & O'Fallon Coal Co., No. 2	St. L. & O'F. R. R.	240,286	143,179	1,614	385,079
Perry Coal Co., "St. Ellen"	I. T. C.	168,687	12,812		181,499
Southern Coal, Coke & Mining Co., No. 7	Southern	65,080			65,080
Gundlach Coal Co.	Caseyville	76,013	32,536	1,567	110,116
Groom Coal Co.	I. C.	18,601		21,571	40,172
Prairie Coal Co.	I. T. C.	15,497			15,497
Perry Coal Co., "Carbon"	B. & O.	3,473	43,698		47,171
Vinegar Hill Coal Co.	I. C.	74,319			74,319
Golden Rule Coal Co.	I. C.	57,133	14,218		71,351
Service Coal Co.	L. & N.	5,771			5,771
Mulberry Hill Coal Co.	I. C.	12,375	326		12,701
	A. & S.		171		171
White Coal Co.	L. & N.	11,441			11,441
O. K. Coal Co.	I. C.	51,339	9,508		60,847
	A. & S.		473		473
Gill Coal Co.	I. C.	49,527	1,200		50,727
Freeburg Coal Co.	I. C.	8,580			8,580
Rentschler Coal & Mining Co.	L. & N.	1,000			1,000
Quality Coal & Mining Co.	St. L. & B.	4,070			4,070
Guest Coal Co.	Southern	2,608			2,608
Eldnar Coal Co.	L. & N.	5,081			5,081
Lenzburg Coal Co.	I. C.	23,757	1,750		25,507
Jones Bros. Coal Mining Co., No. 1	I. C.	1,942			1,942
United Electric Coal Co., No. 13	I. C.	113	205		318
Total Eighth District		1,075,850	265,955	24,752	1,366,557
JACKSON COUNTY		1,073,787	384,469		1,458,256
Union Colliery Co.	I. C.	723,209	121,905		845,114
Truax-Traer Coal Co., No. 2	I. C.	126,190	42,732		168,922
	Mo. Pac.	50,123	146,173		196,296
Truax-Traer Coal Co., No. 1	I. C.	172,340	73,443		245,783
Peacock Coal Co.	Mo. Pac.	1,925	216		2,141
PERRY COUNTY		1,382,277	1,344,790	21,926	2,748,993
Pyramid Coal Corp.	I. C.	23,350	96,622		119,972
	Mo. Pac.	206,027	182,059		388,086
	C. G. W.		260,629		260,629
United Electric Coal Co., No. 11	I. C.	220,592	171,907		392,499
	Mo. Pac.	258,834	241,266		500,100
Coal Stripping Co., No. 1	Mo. Pac.	97,979	264,937		362,916
Crerar-Clinch Coal Co., No. 14	I. C.	203,104	104,132		307,236
Coulterville Coal Co.	M. & I.	52,641	5,619		58,260
	I. C.	56,791	3,746		60,537
Cutler Coal Co.	Mo. Pac.	97,475			97,475
Perfection Coal Co.	I. C.	50,023		21,815	71,838
Crerar-Clinch Coal Co., No. 15	I. C.	35,100	6,802		41,902
Winkle Coal Co.	I. C.	18,943			18,943
Whip-Poor-Will Coal & Mining Co.	Mo. Pac.	12,809	2,940		15,749
Briar Hill Coal Mining Co.	Mo. Pac.	6,866	1,310		8,176
	I. C.	6,758	451		7,209
Beaucoup Coal Co.	Mo. Pac.	11,383	2,370		13,753
Ring Coal Co.	Mo. Pac.	12,000			12,000
Home Coal Co.	M. & O.	7,270			7,270
Bailey Bros. Coal Co.	I. C.	1,000			1,000
Tamaroa Coal Co.	I. C.	100			100
Biby Coal Co.	Mo. Pac.	1,280			1,280
Talbott Coalery Co.	I. C.	45			45
Conant Coal Co.	Mo. Pac.	1,707		111	1,818
Imperial Coal Co.	I. C.	200			200
RANDOLPH COUNTY		154,371	248,787		403,158
Moffat Coal Co.	M. & O.	20,756	219,412		240,168
St. Louis Coal Co.	I. C.	81,718	15,600		97,318
	M. & I.	9,080	5,350		14,430
Jones Bros. Coal Mining Co., No. 2	I. C.	29,791	3,160		32,951
Illmo Coal Co.	M. & I.	13,026	5,265		18,291

TABLE 26—Continued.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
WASHINGTON COUNTY		113,737	117,953	29,942	261,632
Centralia Coal Co., No. 5	I. C.	56,096	70,871		126,967
	C. B. & Q.	37,022	30,006		67,028
Clarkson Coal & Mining Co.	L. & N.	19,019	17,076	29,942	66,037
Bois Coal Co.	I. C.	1,600			1,600
Total Ninth District		2,724,172	2,095,999	51,868	4,872,039
FRANKLIN COUNTY		4,728,661	2,556,922		7,285,583
Chicago, Wilmington & Franklin Coal Co., No. 2	C. B. & Q.	328,268	143,514		471,782
	Mo. Pac.	184,221	87,042		271,263
	C. & E. I.	25,285	10,385		35,670
	I. C.	279,422	104,787		384,209
Bell & Zoller Coal & Mining Co., No. 2	C. B. & Q.	237,026	92,341		329,367
	I. C.	263,681	103,063		366,744
	Mo. Pac.	92,805	46,021		138,826
Bell & Zoller Coal & Mining Co., No. 1	C. B. & Q.	238,353	75,818		314,171
	I. C.	238,020	92,102		330,122
	Mo. Pac.	105,735	43,369		149,104
Valier Coal Co., No. 1	C. B. & Q.		868,988		868,988
Old Ben Coal Corp., No. 8	C. B. & Q.	282,779	96,726		379,505
	I. C.	111,818	1,470		113,288
	C. & E. I.	17,591	6,713		24,304
	Mo. Pac.	119,217	14,749		133,966
Old Ben Coal Corp., No. 15	C. B. & Q.	316,099	49,735		365,834
	I. C.	203,889	55,125		259,014
	C. & E. I.	6,272	1,274		7,546
Chicago, Wilmington & Franklin Coal Co., No. 1	C. B. & Q.	145,326	55,938		201,264
	Mo. Pac.	87,132	46,671		133,803
	C. & E. I.	14,087	5,592		19,679
	I. C.	122,884	51,154		174,038
Franklin County Coal Co., Inc., No. 7	C. B. & Q.	94,771	77,336		172,107
	I. C.	120,099	77,643		197,742
	Mo. Pac.	64,720	53,913		118,633
Franklin County Coal Co., Inc., No. 5	C. B. & Q.	172,305	13,528		185,833
	I. C.	117,775	15,488		133,263
	Mo. Pac.	55,071	740		55,811
Peabody Coal Co., No. 19	C. & E. I.	28,461	39,000		67,461
	C. B. & Q.	119,952	46,466		166,418
	I. C.	120,370	9,010		129,380
West Frankfort Coal Co., No. 21	C. B. & Q.	72,872	19,839		92,711
	I. C.	51,585	15,767		67,352
	C. & E. I.	8,079	564		8,643
Brewerton Coal Co., No. 22	C. B. & Q.	112,049	57,050		169,099
Franklin Mining Co.	C. & E. I.	95,339	26,955		122,294
	I. C.	5,386			5,386
Old Ben Coal Corp., No. 14	C. B. & Q.	27,244	5,439		32,683
	I. C.	10,731	3,234		13,965
	C. & E. I.	6,272			6,272
	Mo. Pac.	5,047	3,969		9,016
Peabody Coal Co., No. 18	C. & E. I.	4,299	4,675		8,974
	C. B. & Q.	7,796	27,901		35,697
	I. C.	8,528	5,828		14,356
Total Tenth District		4,728,661	2,556,922		7,285,583
SALINE COUNTY		2,019,373	541,086		2,560,459
Peabody Coal Co., No. 47	C. C. C. & St. L.	329,755	97,158		426,913
Wasson Coal Co., No. 1	C. C. C. & St. L.	266,977	108,683		375,660
Sahara Coal Co., No. 1	C. C. C. & St. L.	330,145	17,471		347,616
Sahara Coal Co., No. 10	C. C. C. & St. L.	72,900	103,734		176,634
	I. C.	132,551			132,551
Rex Coal Co., No. 2	I. C.	312,194			312,194
Sahara Coal Co., No. 12	C. C. C. & St. L.	209,517	83,267		292,784
Sahara Coal Co., No. 3	C. C. C. & St. L.	160,438	79,173		239,611
Blue Bird Coal Co.	C. C. C. & St. L.	204,896	51,600		256,496

TABLE 26—Concluded.

Operators.	Railroads.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
WHITE COUNTY.....	.....	10,287	.....	.....	10,287
Norris City Coal Mining Co., No. 1.....	B. & O.....	8,442	.....	.....	8,442
	C. C. C. & St. L.....	1,845	.....	.....	1,845
Total Eleventh District.....	.....	2,029,660	541,086	.....	2,570,746
WILLIAMSON COUNTY.....	.....	1,171,294	605,605	.....	1,776,899
Old Ben Coal Corp., No. 18.....	C. B. & Q.....	130,744	91,336	.....	192,080
	I. C.....	66,000	83,153	.....	149,153
	C. & E. I.....	98	.....	.....	98
	Mo. Pac.....	49,833	46,403	.....	96,236
Consolidated Coal Co. of St. Louis, No. 7.....	I. C.....	122,949	86,153	.....	209,102
	Mo. Pac.....	75,622	38,326	.....	113,948
	C. B. & Q.....	58,626	26,030	.....	84,656
Seymour Coal Co.....	I. C.....	139,777	55,875	.....	195,652
	Mo. Pac.....	22,196	6,176	.....	28,372
	C. B. & Q.....	33,340	14,805	.....	48,145
Franco Mining Corp.....	C. B. & Q.....	153,677	66,441	.....	220,118
Freeman Coal Mining Co.....	I. C.....	42,330	14,742	.....	57,072
	C. B. & Q.....	29,167	9,750	.....	38,917
Carterville Peacock Coal Co.....	Mo. Pac.....	55,901	36,437	.....	92,338
Wallace Coal Co.....	Mo. Pac.....	70,841	18,211	.....	89,052
Blue Hill Coal Co.....	Mo. Pac.....	80,113	.....	.....	80,113
Carbon Fuel Co.....	C., B. & Q.....	25,482	7,817	.....	33,299
City Lake Coal Co.....	C. B. & Q.....	8,817	.....	.....	8,817
	Mo. Pac.....	5,862	.....	.....	5,862
Forsyth Carterville Coal Co.....	I. C.....	10,968	2,762	.....	13,730
Consumers Coal & Materials Co.....	Mo. Pac.....	513	.....	.....	513
Spillertown Mining Co.....	C. & E. I.....	250	.....	.....	250
New Watson Coal Co.....	Mo. Pac.....	6,455	.....	.....	6,455
Puritan Coal Co.....	C. B. & Q.....	3,846	.....	.....	3,846
Carterville M. & E. Co., No. 1.....	I. C.....	2,325	1,188	.....	3,513
Rodney Coal Co.....	Mo. Pac.....	3,430	.....	.....	3,430
M. H. Radford.....	Mo. Pac.....	2,132	.....	.....	2,132
Total Twelfth District.....	.....	1,171,294	605,605	.....	1,776,899

TABLE 27—RAILROADS HANDLING THE COAL AND THE MINES SERVED BY EACH.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
1	Illinois Central			4,968,206	1,593,400	62,817	6,624,423
1	Bailey Bros. Coal Co.	Perry	9	1,000			1,000
2	Bell & Zoller Coal & Mining Co., No. 1	Franklin	10	238,020	92,102		330,122
3	Bell & Zoller Coal & Mining Co., No. 2	Franklin	10	263,681	103,063		366,744
4	Bois Coal Co.	Washington	9	1,600			1,600
5	Briar Hill Coal Mining Co.	Perry	9	6,758	451		7,209
6	Carterville Mining & Engineering Co., No. 1	Williamson	12	2,325	1,188		3,513
7	Centralia Coal Co., No. 5	Washington	9	56,096	70,871		126,967
8	C., W. & F. Coal Co., No. 1	Franklin	10	122,884	51,154		174,038
9	C., W. & F. Coal Co., No. 2	Franklin	10	279,422	104,787		384,209
10	Consolidated Coal Co., No. 7	Williamson	12	122,949	86,153		209,102
11	Coulterville Coal Co.	Perry	9	56,791	3,746		60,537
12	Crerar-Clinch Coal Co., No. 14	Perry	9	203,104	104,132		307,236
13	Crerar-Clinch Coal Co., No. 15	Perry	9	35,100	6,802		41,902
14	Erie Sootless Coal Co.	Shelby	6	2,000			2,000
15	Forsyth-Carterville Coal Co.	Williamson	12	10,968	2,762		13,730
16	Franklin County Coal Co., No. 5	Franklin	10	117,775	15,488		133,263
17	Franklin County Coal Co., No. 7	Franklin	10	120,099	77,643		197,742
18	Franklin Mining Co.	Franklin	10	5,356			5,356
19	Freeburg Coal Co.	St. Clair	8	8,580			8,580
20	Freeman Coal Mining Co.	Williamson	12	42,330	14,742		57,072
21	Gill Coal Co.	St. Clair	8	49,527	1,200		50,727
22	Golden Rule Coal Co.	St. Clair	8	57,133	14,218		71,351
23	Groom Coal Co.	St. Clair	8	18,601		21,571	40,172
24	Imperial Coal Co.	Perry	9	200			200
25	Jefferson Coal Mining Co.	Sangamon	4		199		199
26	Jones Bros. Mining Co., No. 1	St. Clair	8	1,942			1,942
27	Jones Bros. Mining Co., No. 2	Randolph	9	29,791	3,160		32,951
28	Lenzburg Coal Co.	St. Clair	8	23,757	1,750		25,507
29	Macon County Coal Co.	Macon	5	46,278			46,278
30	Marion County Coal Co.	Marion	7	67,254	18,988		86,242
31	Mt. Olive Coal Co.	Macoupin	6	9,001	1,457	2,008	12,466
32	Mulberry Hill Coal Co.	St. Clair	8	12,375	326		12,701
33	Odin Coal Co.	Marion	7	11,990	15,355		27,345
34	O. K. Coal Co.	St. Clair	8	51,339	9,508		60,847
35	Old Ben Coal Corp., No. 8	Franklin	10	111,851	1,470		113,328
36	Old Ben Coal Corp., No. 14	Franklin	10	10,731	3,234		13,965
37	Old Ben Coal Corp., No. 15	Franklin	10	203,889	55,125		259,014
38	Old Ben Coal Corp., No. 18	Williamson	12	66,000	83,153		149,153
39	Pana Coal Co.	Christian	4	49,075	6,383	17,423	72,881
40	Panther Creek Mines, No. 4	Sangamon	4	11,623			11,623
41	Panther Creek Mines, No. 5	Sangamon	4	6,874			6,874
42	Peabody Coal Co., No. 18	Franklin	10	8,528	5,828		14,356
43	Peabody Coal Co., No. 19	Franklin	10	120,370	9,010		129,380
44	Peabody Coal Co., No. 53	Sangamon	4	1,309			1,309
45	Peabody Coal Co., No. 57	Sangamon	4	77,647	13,841		91,488
46	Penwell Coal Mining Co.	Christian	4	42,618	5,216		47,834
47	Perfection Coal Co.	Perry	9	50,023		21,515	71,538
48	Pyramid Coal Corp.	Perry	9	23,350	96,622		119,972
49	Rex Coal Co.	Saline	11	312,194			312,194
50	Sahara Coal Co., No. 10	Saline	11	132,551			132,551
51	St. Louis Coal Co.	Randolph	9	81,718	15,600		97,318
52	Sangamon Coal Co., No. 2	Sangamon	4	21,900	14,839		36,739
53	Seymour Coal Co.	Williamson	12	139,777	55,875		195,652
54	Sutton, W. G. Co.	Woodford	3	32,719			32,719
55	Talbott Coalery Co.	Perry	9	45			45
56	Tamara Coal Co.	Perry	9	100			100
57	Truax-Traer Coal Co., No. 1	Jackson	9	172,340	73,443		245,783
58	Truax-Traer Coal Co., No. 2	Jackson	9	126,190	42,732		168,922
59	Union Colliery Co.	Jackson	9	723,209	121,905		845,114
60	United Electric Coal Co., No. 11	Perry	9	220,592	171,907		392,499
61	United Electric Coal Co., No. 13	St. Clair	8	113	205		318
62	Vinegar Hill Coal Co.	St. Clair	8	74,319			74,319
63	West Frankfort Coal Co., No. 21	Franklin	10	51,585	15,767		67,352
64	Winkle Coal Co.	Perry	9	18,943			18,943

TABLE 27—Continued.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
2	Chicago, Burlington & Quincy.....			3,423,046	2,049,425		5,472,471
1	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin.....	10	238,353	75,818		314,171
2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin.....	10	237,026	92,341		329,367
3	Blakley Coal Co.....	Fulton.....	3	30,908			30,908
4	Brewerton Coal Co., No. 22.....	Franklin.....	10	112,049	57,050		169,099
5	Canton Coal Co.....	Fulton.....	3	19,640	15,270		34,910
6	Carbon Fuel Co.....	Williamson.....	12	25,482	7,817		33,299
7	Centralia Coal Co., No. 5.....	Washington.....	9	37,022	30,006		67,028
8	C., W. & F. Coal Co., No. 1.....	Franklin.....	10	145,326	55,938		201,264
9	C., W. & F. Coal Co., No. 2.....	Franklin.....	10	328,268	143,514		471,782
10	City Lake Coal Co.....	Williamson.....	12	8,817			8,817
11	Consolidated Coal Co., No. 7.....	Williamson.....	12	58,626	26,030		84,656
12	Franco Mining Corp.....	Williamson.....	12	153,677	66,441		220,118
13	Franklin County Coal Co., No. 5.....	Franklin.....	10	172,305	13,528		185,833
14	Franklin County Coal Co., No. 7.....	Franklin.....	10	94,771	77,336		172,107
15	Freeman Coal Mining Co.....	Williamson.....	12	29,167	9,750		38,917
16	Glenwood Mining Co.....	Peoria.....	2	36,684	8,517		45,201
17	Illinois Colliery Co.....	Fulton.....	3	27,831	7,800		35,631
18	Marion County Coal Co.....	Marion.....	7	77,983	31,674		109,657
19	Old Ben Coal Corp., No. 8.....	Franklin.....	10	282,779	96,726		379,505
20	Old Ben Coal Corp., No. 14.....	Franklin.....	10	27,244	5,439		32,683
21	Old Ben Coal Corp., No. 15.....	Franklin.....	10	316,099	49,735		365,834
22	Old Ben Coal Corp., No. 18.....	Williamson.....	12	100,744	91,336		192,080
23	Peabody Coal Co., No. 18.....	Franklin.....	10	7,796	27,901		35,697
24	Peabody Coal Co., No. 19.....	Franklin.....	10	119,952	46,466		166,418
25	Puritan Coal Co.....	Williamson.....	12	3,846			3,846
26	Seymour Coal Co.....	Williamson.....	12	33,340	14,805		48,145
27	Shuler Coal Co.....	Henry.....	1	53,904	2,192		56,096
28	Truax-Traer Coal Co.....	Fulton.....	3	308,873	46,850		355,723
29	United Electric Coal Co., No. 9.....	Fulton.....	3	264,894	60,318		325,212
30	Valier Coal Co.....	Franklin.....	10		868,988		868,988
31	Virden Coal Co.....	Macoupin.....	6	1,768			1,768
32	West Frankfort Coal Co., No. 21.....	Franklin.....	10	72,872	19,839		92,711
3	Chicago & Illinois Midland.....			3,377,916	155,967		3,533,883
1	Panther Creek Mines, No. 4.....	Sangamon.....	4	19,407			19,407
2	Panther Creek Mines, No. 5.....	Sangamon.....	4	7,372			7,372
3	Peabody Coal Co., No. 7.....	Christian.....	4	939,126	42,347		981,473
4	Peabody Coal Co., No. 8.....	Christian.....	4	857,316	6,814		864,130
5	Peabody Coal Co., No. 9.....	Christian.....	4	908,928	106,806		1,015,734
6	Peabody Coal Co., No. 51.....	Sangamon.....	4	48,992			48,992
7	Peabody Coal Co., No. 53.....	Sangamon.....	4	48,894			48,894
8	Peabody Coal Co., No. 58.....	Christian.....	4	542,709			542,709
9	Sangamon Coal Co., No. 2.....	Sangamon.....	4	5,172			5,172
4	Missouri Pacific.....			1,845,254	1,283,298	111	3,128,663
1	Bell & Zoller Coal & Mining Co., No. 1.....	Franklin.....	10	105,735	43,369		149,104
2	Bell & Zoller Coal & Mining Co., No. 2.....	Franklin.....	10	92,805	46,021		138,826
3	Beaucoup Coal Co.....	Perry.....	9	11,383	2,370		13,753
4	Biby Coal Co.....	Perry.....	9	1,280			1,280
5	Blue Hill Coal Co.....	Williamson.....	12	80,113			80,113
6	Briar Hill Coal Mining Co.....	Perry.....	9	6,866	1,310		8,176
7	Cartersville-Peacock Coal Co.....	Williamson.....	12	55,901	36,437		92,338
8	C., W. & F. Coal Co., No. 1.....	Franklin.....	10	87,132	46,671		133,803
9	C., W. & F. Coal Co., No. 2.....	Franklin.....	10	184,221	87,042		271,263
10	City Lake Coal Co.....	Williamson.....	12	5,862			5,862
11	Coal Stripping Co., No. 1.....	Perry.....	9	97,979	264,937		362,916
12	Conant Coal Co.....	Perry.....	9	1,707		111	1,818
13	Consolidated Coal Co., No. 7.....	Williamson.....	12	75,622	38,326		113,948
14	Consumers Coal & Materials Co.....	Williamson.....	12	513			513
15	Cutler Coal Co.....	Perry.....	9	97,475			97,475
16	Franklin County Coal Co., No. 5.....	Franklin.....	10	55,071	740		55,811

TABLE 27—Continued.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
Missouri Pacific—Concluded.							
17	Franklin County Coal Co., No. 7.	Franklin	10	64,720	53,913	-----	118,633
18	New Watson Coal Co.	Williamson	12	6,455	-----	-----	6,455
19	Old Ben Coal Corp., No. 8.	Franklin	10	119,217	14,749	-----	133,966
20	Old Ben Coal Corp., No. 14.	Franklin	10	5,047	3,969	-----	9,016
21	Old Ben Coal Corp., No. 18.	Williamson	12	49,833	46,403	-----	96,236
22	Peacock Coal Co.	Jackson	9	1,925	216	-----	2,141
23	Pyramid Coal Corp.	Perry	9	206,027	182,059	-----	388,086
24	Radford, M. H.	Williamson	12	2,132	-----	-----	2,132
25	Ring Coal Co.	Perry	9	12,000	-----	-----	12,000
26	Rodney Coal Co.	Williamson	12	3,430	-----	-----	3,430
27	Seymour Coal Co.	Williamson	12	22,196	6,176	-----	28,372
28	Traux-Traer Coal Co., No. 2.	Jackson	9	50,123	146,173	-----	196,296
29	United Electric Coal Co., No. 11.	Perry	9	258,834	241,266	-----	500,100
30	Wallace Coal Co.	Williamson	12	70,841	18,211	-----	89,052
31	Whip-Poor-Will Coal & Mining Co.	Perry	9	12,809	2,940	-----	15,749
5	Cleveland, Cincinnati, Chicago & St. Louis	-----	-----	2,004,033	938,580	-----	2,942,613
1	Blue Bird Coal Co.	Saline	11	204,896	51,600	-----	256,496
2	Hillsboro Coal Co.	Montgomery	6	94,053	47,228	-----	141,281
3	Indiana & Illinois Coal Corp., No. 10.	Montgomery	6	163,843	97,735	-----	261,578
4	Livingston-Mt. Olive Coal Co.	Madison	7	57,902	22,405	-----	80,307
5	Norris City Coal Mining Co.	White	11	1,845	-----	-----	1,845
6	Pana Coal Co.	Christian	4	1,619	-----	-----	1,619
7	Peabody Coal Co., No. 24.	Vermilion	5	93,008	223,497	-----	316,505
8	Peabody Coal Co., No. 47.	Saline	11	329,755	97,158	-----	426,913
9	Penwell Coal Mining Co.	Christian	4	246	-----	-----	246
10	Sahara Coal Co., No. 1.	Saline	11	330,145	17,471	-----	347,616
11	Sahara Coal Co., No. 3.	Saline	11	160,438	79,173	-----	239,611
12	Sahara Coal Co., No. 10.	Saline	11	72,900	103,734	-----	176,634
13	Sahara Coal Co., No. 12.	Saline	11	209,517	83,267	-----	292,784
14	Stiers Bros. Construction Co.	Madison	7	7,746	6,629	-----	14,375
15	Ubben Coal Co.	Peoria	2	9,143	-----	-----	9,143
16	Wasson Coal Co., No. 1.	Saline	11	266,977	108,683	-----	375,660
6	Chicago & Northwestern	-----	-----	-----	2,113,646	-----	2,113,646
1	Dorthel Coal Co., No. 1.	Peoria	2	-----	204	-----	204
2	Dorthel Coal Co., No. 2.	Fulton	3	-----	1,203	-----	1,203
3	Dorthel Coal Co., No. 3.	Fulton	3	-----	458	-----	458
4	Superior Coal Co., No. 1.	Macoupin	6	-----	703,716	-----	703,716
5	Superior Coal Co., No. 2.	Macoupin	6	-----	690,572	-----	690,572
6	Superior Coal Co., No. 3.	Macoupin	6	-----	644,654	-----	644,654
7	Superior Coal Co., No. 4.	Macoupin	6	-----	72,839	-----	72,839
7	Chicago & Eastern Illinois	-----	-----	1,253,827	135,319	2,206	1,391,352
1	C., W. & F. Coal Co., No. 1.	Franklin	10	14,087	5,592	-----	19,679
2	C., W. & F. Coal Co., No. 2.	Franklin	10	25,283	10,385	-----	35,670
3	Franklin Mining Co.	Franklin	10	95,339	26,955	-----	122,294
4	Indiana & Illinois Coal Corp., No. 10.	Montgomery	6	58,427	28,232	-----	86,659
5	Livingston-Mt. Olive Coal Co.	Madison	7	38,643	11,929	-----	50,572
6	Old Ben Coal Corp., No. 8.	Franklin	10	17,591	6,713	-----	24,304
7	Old Ben Coal Corp., No. 14.	Franklin	10	6,272	-----	-----	6,272
8	Old Ben Coal Corp., No. 15.	Franklin	10	6,272	1,274	-----	7,546
9	Old Ben Coal Corp., No. 18.	Williamson	12	98	-----	-----	98
10	Pana Coal Co.	Christian	4	208	-----	-----	208
11	Peabody Coal Co., No. 18.	Franklin	10	4,299	4,675	-----	8,974
12	Peabody Coal Co., No. 19.	Franklin	10	25,461	39,000	-----	67,461
13	Peabody Coal Co., No. 24.	Vermilion	5	218,146	-----	-----	218,146
14	Spillertown Coal Co.	Williamson	12	250	-----	-----	250
15	U. S. Fuel Co., "Bun"	Vermilion	5	732,370	-----	2,206	734,576
16	West Frankfort Coal Co., No. 21.	Franklin	10	8,079	564	-----	8,643

TABLE 27—Continued.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
8	Chicago, Rock Island & Pacific.....			527,909	847,094	21	1,375,024
1	Buffalo Rock Coal Co.....	LaSalle.....	1	5,080	141		5,221
2	Crescent Mining Co., No. 1.....	Peoria.....	2		257,177		257,177
3	Crescent Mining Co., No. 6.....	Peoria.....	2		582,374		582,374
4	Illinois Zinc Co.....	LaSalle.....	1	14,472			14,472
5	Midland Electric Coal Corp.....	Henry.....	1	448,258	4,885	21	453,164
6	Peabody Coal Co., No. 58.....	Christian.....	4		2,517		2,517
7	Union Coal Co.....	LaSalle.....	1	60,099			60,099
9	Wabash.....			561,629	680,581		1,272,210
1	Consolidated Coal Co., No. 15.....	Macoupin.....	6	430,624	282,373		712,997
2	Jefferson Coal Mining Co.....	Sangamon.....	4		4,030		4,030
3	Mine B Coal Co.....	Sangamon.....	4	47,850	68,815		116,665
4	Panther Creek Mines, No. 4.....	Sangamon.....	4	9,858	14,543		24,411
5	Panther Creek Mines, No. 5.....	Sangamon.....	4	4,080	4,831		8,911
6	Peabody Coal Co., No. 53.....	Sangamon.....	4	64,745	63,626		128,371
7	Peabody Coal Co., No. 58.....	Christian.....	4		190,951		190,951
8	Sangamon Coal Co., No. 2.....	Sangamon.....	4	16,780	19,612		36,392
9	Tilton Mining Co.....	Vermilion.....	5	17,682	31,800		49,482
10	Chicago & Alton.....			535,509	363,732		899,241
1	Jefferson Coal Mining Co.....	Sangamon.....	4		5,231		5,231
2	Mine B Coal Co.....	Sangamon.....	4	41,081	37,900		78,981
3	Northern Illinois Coal Corp.....	Will.....	1	304,564	168,319		472,883
4	Panther Creek Mines, No. 4.....	Sangamon.....	4	90,124	75,995		166,119
5	Panther Creek Mines, No. 5.....	Sangamon.....	4	39,481	42,273		81,754
6	Peabody Coal Co., No. 53.....	Sangamon.....	4	11,389	12,946		24,335
7	Sangamon Coal Co., No. 2.....	Sangamon.....	4	44,200	20,439		64,639
8	Virden Coal Co.....	Macoupin.....	6	4,670	629		5,299
11	Illinois Terminal Co.....			731,849	15,259		747,108
1	Chicopee Coal Co.....	Madison.....	7	6,293			6,293
2	Coal Stripping Co., No. 2.....	Vermilion.....	5	11,572			11,572
3	Gillespie Coal Co.....	Macoupin.....	6	300,378			300,378
4	Madison County Coal & Mining Co.....	Madison.....	7	100,040	2,447		102,487
5	Panther Creek Mines, No. 4.....	Sangamon.....	4	2,884			2,884
6	Panther Creek Mines, No. 5.....	Sangamon.....	4	2,192			2,192
7	Peabody Coal Co., No. 53.....	Sangamon.....	4	1,407			1,407
8	Peabody Coal Co., No. 57.....	Sangamon.....	4	99,838			99,838
9	Perry Coal Co., "St. Ellen".....	St. Clair.....	8	168,687	12,812		181,499
10	Prairie Coal Co.....	St. Clair.....	8	15,497			15,497
11	Sangamon Coal Co., No. 2.....	Sangamon.....	4	7,100			7,100
12	United Electric Coal Co., No. 12.....	Vermilion.....	5	15,961			15,961
12	Minneapolis & St. Louis.....			478,493	238,645		717,138
1	Dorthel Coal Co., No. 1.....	Peoria.....	2	20,637	86,204		106,841
2	Dorthel Coal Co., No. 2.....	Fulton.....	3	4,623	13,085		17,708
3	Dorthel Coal Co., No. 3.....	Fulton.....	3	74,074	85,750		159,824
4	Golden Rule Coal Co.....	Fulton.....	3	7,251			7,251
5	Lake Erie Mining Co.....	Tazewell.....	2		185		185
6	Midland Electric Coal Corp.....	Fulton.....	3	371,908	53,421		425,329
13	Atchison, Topeka & Santa Fe.....			342,942	257,950		600,892
1	Galesburg Mining Co.....	Knox.....	3	22,510	213,520		236,030
2	Northern Illinois Coal Corp.....	Will.....	1	309,399	44,010		353,409
3	Roanoke Coal & Tile Co.....	Woodford.....	2	10,003	420		10,423
4	Sutton, W. G.....	Woodford.....	2	1,030			1,030
14	Litchfield & Madison.....			563,203			563,203
1	Mt. Olive & Staunton Coal Co., No. 2.....	Madison.....	7	563,203			563,203
15	St. Louis & O'Fallon.....			240,286	143,179	1,614	385,079
1	St. Louis & O'Fallon Coal Co., No. 2.....	St. Clair.....	8	240,286	143,179	1,614	385,079

TABLE 27—Continued.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
16	Chicago, Springfield & St. Louis			184,514	176,259		360,773
	1 Central Illinois Mining Co., "A"	Sangamon	4	136,384	173,715		310,099
	2 Mine B Coal Co.	Sangamon	4	40,901	2,544		43,445
	3 Panther Creek Mines, No. 4	Sangamon	4	4,760			4,760
	4 Panther Creek Mines, No. 5	Sangamon	4	2,085			2,085
	5 Peabody Coal Co., No. 53	Sangamon	4	384			384
17	Pennsylvania Lines			308,889	35,817		344,706
	1 Bullock Mining Co.	Madison	7	3,802			3,802
	2 Illinois-Pocahontas Coal Co.	Bond	7	20,376	2,455		22,831
	3 Lumaghi Coal Co., No. 2	Madison	7	284,711	33,362		318,073
18	Springfield Terminal			250,821	43,684	853	295,358
	1 Peabody Coal Co., No. 59	Sangamon	4	250,821	43,684	853	295,358
19	Elgin, Joliet & Eastern				262,128		262,128
	1 U. S. Fuel Co., "Bun"	Vermilion	5		262,128		262,128
20	Chicago Great Western				260,629		260,629
	1 Pyramid Coal Corp.	Perry	9		260,629		260,629
21	Mobile & Ohio			28,026	219,412		247,438
	1 Home Coal Co.	Perry	9	7,270			7,270
	2 Moffat Coal Co.	Randolph	9	20,756	219,412		240,168
22	Baltimore & Ohio			151,562	83,139		234,701
	1 Beckemeyer Coal Co.	Clinton	8	17,764	453		18,217
	2 Citizens Coal Co.	Clinton	8	37,958			37,958
	3 Jefferson Coal Mining Co.	Sangamon	4	48,620			48,620
	4 Norris City Coal Mining Co., No. 1	White	10	8,442			8,442
	5 Odin Coal Co.	Marion	7	1,135			1,135
	6 Pana Coal Co.	Christian	4	2,698			2,698
	7 Panther Creek Mines, No. 4	Sangamon	4	4,164			4,164
	8 Panther Creek Mines, No. 5	Sangamon	4	531			531
	9 Peabody Coal Co., No. 53	Sangamon	4	188			188
	10 Peabody Coal Co., No. 57	Sangamon	4	24,388	38,988		63,376
	11 Penwell Coal Mining Co.	Christian	4	2,201			2,201
	12 Perry Coal Co., "Carbon"	St. Clair	8	3,473	43,698		47,171
23	Southern			191,123	5,426		196,549
	1 Guest Coal Co.	St. Clair	8	2,608			2,608
	2 Southern Coal, Coke & Mining Co., No. 7	St. Clair	8	65,080			65,080
	3 Southern Coal, Coke & Mining Co., No. 9	Clinton	8	123,435	5,426		128,861
24	Peoria & Pekin Union			107,252	47,441		154,693
	1 Crescent Mining Co., No. 1	Peoria	2		16,921		16,921
	2 Crescent Mining Co., No. 6	Peoria	2		6,463		6,463
	3 Dorthel Coal Co., No. 2	Fulton	3		100		100
	4 Dorthel Coal Co., No. 3	Fulton	3		1,775		1,775
	5 Lake Erie Mining Co.	Tazewell	2	107,252	22,182		129,434
25	Peoria Terminal			148,090	3,113		151,203
	1 Crescent Mining Co., No. 1	Peoria	2	13,879	2,592		16,471
	2 Crescent Mining Co., No. 6	Peoria	2	134,211	521		134,732
26	Caseyville			76,013	32,536	1,567	110,116
	1 Gundlach Coal Co.	St. Clair	8	76,013	32,536	1,567	110,116

TABLE 27—Concluded.

Number.	Railroads.	County.	District No.	Tons shipped.	Tons sold to railroad companies.	Tons supplied to locomotives at the mines.	Total tons handled by railroads.
27	Missouri & Illinois.....			78,112	17,443		95,555
	1 Coulterville Coal Co.....	Perry	9	52,641	5,619		58,260
	2 Illmo Coal Co.....	Randolph	9	13,026	5,265		18,291
	3 Marion County Coal Co.....	Marion	7	3,365	1,209		4,574
	4 St. Louis Coal Co.....	Randolph	9	9,080	5,350		14,430
28	Louisville & Nashville.....			42,312	17,076	29,942	89,330
	1 Clarkson Coal & Mining Co.....	Washington	9	19,019	17,076	29,942	66,037
	2 Eldnar Coal Co.....	St. Clair	8	5,081			5,081
	3 Rentchler Coal & Mining Co.....	St. Clair	8	1,000			1,000
	4 Service Coal Co.....	St. Clair	8	5,771			5,771
	5 White Coal Co.....	St. Clair	8	11,441			11,441
29	Toledo, Peoria & Western.....			35,661	20,000		55,661
	1 Livings & Smith.....	Fulton	3	3,352			3,352
	2 Pschirrer & Sons.....	Fulton	3	20,875	20,000		40,875
	3 Reed Coal Co., E. A.....	Fulton	3	5,646			5,646
	4 Sunnyside Coal Co.....	Fulton	3	1,348			1,348
	5 Swords, Geo.....	Fulton	3	4,440			4,440
30	Belt Ry. Co.....				36,057		36,057
	1 Midland Electric Coal Co.....	Henry	1		14,544		14,544
	2 Northern Illinois Coal Corp.....	Will	1		11,329		11,329
	3 Truax-Traer Coal Co.....	Fulton	3		10,184		10,184
31	Rock Island & Northern.....			27,150	5,000	700	32,850
	1 Prairie State Coal Co.....	Putnam	1	27,150	5,000	700	32,850
32	Chicago, Milwaukee & St. Paul.....			26,320	1,000		27,320
	1 Prairie State Coal Co.....	Putnam	1	26,320	1,000		27,320
33	St. Louis & Belleville.....			4,070			4,070
	1 Quality Coal & Mining Co.....	St. Clair	8	4,070			4,070
34	Peoria & Eastern.....			810	1,025		1,835
	1 Oakwood Coal Co.....	Vermilion	5	810	1,025		1,835
35	New York Central.....			800			800
	1 Prairie State Coal Co.....	Putnam	1	800			800
36	B. M. & N. W.....				649		649
	1 Midland Electric Coal Co.....	Henry	1		649		649
37	Alton & Southern.....				644		644
	1 Mulberry Hill Coal Co.....	St. Clair	8		171		171
	2 O. K. Coal Co.....	St. Clair	8		473		473
	The State.....			22,545,627	12,084,553	99,831	34,730,011

TABLE 28—RAILROADS HANDLING THE COAL OF SHIPPING MINES.

Railroads.	Number of—		Total tons handled by rail- roads.	Tons shipped.	Tons sold to rail- roads.	Tons supplied to loco- motives.	Per cent handled by each railroad.
	Counties.	Mines.					
The State.....	29	172	34,730,011	22,545,627	12,084,553	99,831	100.00
Illinois Central.....	15	64	6,624,423	4,968,206	1,593,400	62,817	19.07
Chicago, Burlington & Quincy.....	8	32	5,472,471	3,423,046	2,049,425	-----	15.76
Chicago & Illinois Midland.....	2	9	3,533,883	3,377,916	155,967	-----	10.18
Missouri Pacific.....	4	31	3,128,663	1,845,254	1,283,298	111	9.01
Cleveland, Cincinnati, Chicago & St. Louis.....	7	16	2,942,613	2,004,033	938,580	-----	8.47
Chicago & Northwestern.....	3	7	2,113,646	-----	2,113,646	-----	6.09
Chicago & Eastern Illinois.....	6	16	1,391,352	1,253,827	135,319	2,206	4.01
Chicago, Rock Island & Pacific.....	3	7	1,375,024	527,909	847,094	21	3.96
Wabash.....	4	9	1,272,210	591,629	680,581	-----	3.66
Chicago & Alton.....	3	8	899,241	535,509	363,732	-----	2.59
Illinois Terminal Co.....	5	12	747,108	731,849	15,259	-----	2.15
Minneapolis & St. Louis.....	3	6	717,138	478,493	238,645	-----	2.06
Atchison, Topeka & Santa Fe.....	3	4	600,892	342,942	257,950	-----	1.73
Litchfield & Madison.....	1	1	563,203	563,203	-----	-----	1.62
St. Louis & O'Fallon.....	1	1	385,079	240,286	143,179	1,614	1.11
Chicago, Springfield & St. Louis.....	1	5	360,773	184,514	176,259	-----	1.04
Pennsylvania Lines.....	2	3	344,706	308,889	35,817	-----	.99
Springfield Terminal.....	1	1	295,358	250,821	43,684	853	.85
Elgin, Joliet & Eastern.....	1	1	262,128	-----	262,128	-----	.75
Chicago Great Western.....	1	1	260,629	-----	260,629	-----	.75
Mobile & Ohio.....	2	2	247,438	28,026	219,412	-----	.71
Baltimore & Ohio.....	6	12	234,701	151,562	83,139	-----	.68
Southern.....	2	3	196,549	191,123	5,426	-----	.57
Peoria & Pekin Union.....	3	5	154,693	107,252	47,441	-----	.45
Peoria Terminal.....	1	2	151,203	148,090	3,113	-----	.44
Caseyville.....	1	1	110,116	76,013	32,536	1,567	.32
Missouri & Illinois.....	3	4	95,555	78,112	17,443	-----	.28
Louisville & Nashville.....	2	5	89,330	42,312	17,076	29,942	.26
Toledo, Peoria & Western.....	1	5	55,661	35,661	20,000	-----	.16
Belt.....	3	3	36,057	-----	36,057	-----	.10
Rock Island & Northern.....	1	1	32,850	27,150	5,000	700	.09
Chicago, Milwaukee & St. Paul.....	1	1	27,320	26,320	1,000	-----	.08
St. Louis & Belleville.....	1	1	4,070	4,070	-----	-----	.01
Peoria & Eastern.....	1	1	1,835	810	1,025	-----	-----
New York Central.....	1	1	800	800	-----	-----	-----
B. M. & N. W.....	1	1	649	-----	649	-----	-----
Alton & Southern.....	1	1	644	-----	644	-----	-----

TABLE 29—METHODS OF MINING—NUMBER OF MINES, MACHINES AND TONS BY EACH METHOD—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Machine exclusively.			Hand exclusively.		Hand and machine.			Strip mines.	
	Mines.	Machines.	Tons.	Mines.	Tons.	Mines.	Machines.	Tons.	Mines.	Tons.
First.....				3	189,471	1	5	136,184	3	1,451,483
Second.....	5	67	1,413,977	2	103,260	1	2	51,702		
Third.....	5	24	158,352	12	17,489	3	21	517,615	5	1,144,703
Fourth.....	8	68	4,554,231	7	1,424,059	1	1	78,339		
Fifth.....	3	46	1,197,734			2	21	606,068	2	36,203
Sixth.....	11	65	3,921,804							
Seventh.....	7	50	1,568,707	1	15,887	1	10	51,184	1	28,109
Eighth.....	7	54	1,248,851	16	987,906	1	2	90,939	1	318
Ninth.....	11	75	1,819,931	10	117,504	2	30	351,902	8	2,960,608
Tenth.....	15	279	7,780,162							
Eleventh.....	8	164	2,468,527						1	263,166
Twelfth.....	7	37	1,189,054	4	58,720	2	21	527,750	5	123,628
Total.....	87	929	27,321,330	45	2,914,296	14	113	2,411,683	26	6,008,218
Local mines.....	56	81	897,592	971	1,607,855	19	26	349,078	129	214,026
The State.....	143	1,010	28,218,922	1,016	4,522,151	33	139	2,760,761	155	6,222,244

TABLE 30—UNDERGROUND HAULAGE IN SHIPPING MINES—BY DISTRICTS.

District.	Motors only.			Mules only.			Motors and mules.			
	Number of—			Number of—			Number of—			
	Mines.	Motors.	Tons hauled.	Mines.	Mules.	Tons hauled.	Mines.	Motors.	Mules.	Tons hauled.
First.....				1	12	69,649	3	4	86	256,006
Second.....							8	26	150	1,568,939
Third.....				2	4	23,345	8	19	109	670,111
Fourth.....	2	43	1,652,309				14	103	263	4,404,320
Fifth.....							5	31	89	1,803,802
Sixth.....	1	21	358,912				10	102	59	3,562,892
Seventh.....					5	15,887	8	48	80	1,619,891
Eighth.....	1	11	149,092	2	8	31,426	21	51	158	2,147,178
Ninth.....				11	32	91,258	12	75	95	2,198,079
Tenth.....	11	337	6,798,152				4	39	79	982,010
Eleventh.....	2	47	770,547				6	125	133	1,697,980
Twelfth.....	3	64	1,128,002	5	17	37,662	5	10	35	609,860
Total.....	20	523	10,857,014	22	78	269,227	104	633	1,336	21,521,068

TABLE 31—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES—BY YEARS, 1907-1934.

Year.	Mines operated.	Total tons mined.	Mined in strip mines.				Machine mining.				Motor haulage.			
			Number of—		Per cent of—		Number of—		Per cent of—		Number of—		Per cent of—	
			Mines.	Tons mined.	Mines.	Tons mined.	Mines using.	Machines used.	Tons undercut.	Mines using.	Tons undercut.	Mines using.	Motors used.	Tons hauled.
1907	411	46,436,839	—	—	—	—	101	1,105	14,490,454	24.6	31.2	75	129	16,542,575
1908	407	47,809,730	—	—	—	—	105	1,160	15,210,443	25.7	31.8	88	185	19,024,665
1909	384	47,958,562	—	—	—	—	107	1,246	16,407,692	27.9	34.2	96	210	21,892,462
1910	390	47,225,201	—	—	—	—	114	1,289	18,176,254	29.2	38.5	106	229	23,204,480
1911	387	48,758,657	1	45,153	.3	.1	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173
1912	380	56,096,695	5	53,762	1.3	.1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050
1913	371	60,515,416	4	117,790	1.1	.2	140	1,689	30,228,520	38.1	50.6	185	466	46,194,737
1914	349	59,379,182	4	181,520	1.2	.3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729
1915	280	56,172,556	2	195,486	.7	.3	131	1,686	34,057,426	47.1	60.8	173	604	47,239,554
1916	284	62,283,236	3	344,372	1.1	.6	139	1,817	39,312,376	49.4	63.5	176	648	53,140,605
1917	324	77,412,054	5	419,475	1.5	.6	151	1,920	47,232,880	47.3	61.3	200	744	67,196,786
1918	370	88,306,228	4	498,347	1.1	.6	174	2,054	50,027,491	47.5	57.0	240	960	77,662,619
1919	373	73,751,721	3	393,894	.8	.5	199	2,124	42,993,172	53.8	58.6	259	1,114	66,686,920
1920	373	72,409,610	3	367,009	.8	.5	208	2,330	45,130,629	56.2	62.6	276	1,226	66,441,191
1921	389	78,339,082	3	437,006	.8	.6	235	2,760	50,243,470	60.9	64.5	280	1,406	71,329,567
1922	332	61,406,093	5	533,923	1.4	.9	205	2,762	41,168,621	59.1	69.3	242	1,364	55,028,080
1923	374	73,410,837	6	895,698	1.6	1.2	241	3,049	51,037,868	65.5	70.4	285	1,547	70,863,815
1924	329	70,324,363	11	1,184,288	3.3	1.7	215	3,063	50,064,304	67.6	72.5	259	1,565	65,960,698
1925*	255	100,012,299	18	4,722,597	7.1	4.7	163	2,540	74,826,357	69.6	78.5	195	1,360	92,185,121
1926	244	67,836,441	16	3,482,611	6.6	5.1	149	2,259	50,736,684	65.4	78.8	182	1,288	61,486,775
1927	241	44,926,433	15	2,756,410	6.2	6.1	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446
1928	206	54,284,184	14	4,113,908	6.8	7.6	139	2,158	41,499,267	72.4	82.7	158	1,182	49,007,549
1929	200	59,075,995	17	5,250,501	8.5	8.9	139	1,989	45,907,457	76.0	85.3	156	1,281	52,426,315
1930	185	51,996,608	15	6,220,336	8.1	12.0	129	1,606	40,015,407	75.9	87.2	133	1,201	41,181,378
1931	167	43,073,058	16	6,548,798	9.6	15.2	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159
1932	162	31,402,399	17	6,628,228	10.5	21.1	102	1,144	22,165,199	70.3	89.5	124	1,117	24,357,088
1933	159	35,390,677	20	5,599,066	12.6	15.8	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870
1934	172	38,655,527	26	6,008,218	15.1	15.5	101	1,042	29,395,102	58.7	76.0	124	1,156	32,378,082

TABLE 32—EXPLOSIVES USED FOR BLASTING COAL FROM THE SOLID IN SHIPPING MINES—BY DISTRICTS.

District.	Powder.			Permissibles.			Pellet powder.		
	Kegs.	Tons blasted.	Average tons per keg.	Pounds.	Tons blasted.	Average tons per pound.	Pounds.	Tons blasted.	Average tons per pound.
First	5,797	69,649	12.0	—	—	—	—	—	—
Second	3,176	48,390	15.2	—	—	—	4,375	2,100	0.5
Third	2,740	42,370	15.5	—	—	—	48,900	32,047	0.7
Fourth	56,138	966,194	17.2	17,500	53,987	3.1	459,625	475,720	1.0
Fifth	555	9,818	17.7	—	—	—	—	—	—
Sixth	—	—	—	—	—	—	—	—	—
Seventh	580	15,887	27.4	—	—	—	—	—	—
Eighth	69,759	918,281	13.2	—	—	—	162,800	130,564	0.8
Ninth	6,486	132,598	20.4	1,175	7,280	6.2	—	—	—
Tenth	—	—	—	—	—	—	—	—	—
Eleventh	—	—	—	—	—	—	—	—	—
Twelfth	4,277	66,121	15.5	8,400	46,745	5.6	—	—	—
Total	149,508	2,269,308	15.2	27,075	108,012	4.0	675,700	640,431	0.9

TABLE 33—EXPLOSIVES USED FOR BLASTING COAL IN SHIPPING MINES WHERE COAL IS UNDERCUT BEFORE BLASTING.

District.	Powder.			Permissibles.			Pellet powder.		
	Kegs.	Tons blasted.	Average tons per keg.	Pounds.	Tons blasted.	Average tons per pound.	Pounds.	Tons blasted.	Average tons per pound.
First.....									
Second.....	931	69,528	74.7				346,075	1,345,661	3.9
Third.....	5,170	389,897	75.4				59,317	228,885	3.9
Fourth.....	3,001	204,441	68.1	12,000	22,277	1.9	2,457,750	4,330,245	1.8
Fifth.....	1,258	74,506	59.2	142,050	947,489	6.7	234,525	617,588	2.6
Sixth.....	2,452	259,174	105.7	384,000	2,782,817	7.2	124,121	577,097	4.6
Seventh.....	5,965	956,730	160.4	46,125	262,940	5.7	92,750	399,918	4.3
Eighth.....	7,930	716,061	90.3	2,750	15,346	5.6	83,700	176,752	2.1
Ninth.....	7,363	288,988	39.2	198,175	1,419,070	7.2	83,100	328,938	4.0
Tenth.....				725,775	5,239,218	7.2			
Eleventh.....	79	14,892	188.5	169,180	1,663,113	9.8	110,700	790,355	7.1
Twelfth.....	160	13,098	81.9	136,425	717,091	5.3	133,350	466,037	3.5
Total.....	34,309	2,987,315	87.1	1,816,480	13,069,361	7.2	3,725,388	9,261,476	2.5

TABLE 34—EXPLOSIVES USED IN STRIP MINES—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Tons mined by use of explosives.	Explosives used.				Tons mined where no explosives were used.	Total tons in strip mines.
		Powder—kegs.	Permissibles—pounds.	Pellet powder—pounds.	Dynamite—pounds.		
First.....	1,451,483	2,380		28,100	2,475		1,451,483
Second.....							
Third.....	710,974	2,268	25,950	100	1,985	433,729	1,144,703
Fourth.....						36,203	36,203
Fifth.....							
Sixth.....						28,109	28,109
Seventh.....						318	318
Eighth.....			3,900	192,075	8,600	85,714	2,960,608
Ninth.....	2,874,894						
Tenth.....							
Eleventh.....	263,166				53		263,166
Twelfth.....	29,053	57	225	800	200	94,575	123,628
Total.....	5,329,570	4,705	30,075	221,075	13,313	678,648	6,008,218
Local mines.....	94,282	630		8,950	15	119,744	214,026
The State.....	5,423,852	5,335	30,075	230,025	13,328	798,392	6,222,244

TABLE 35—SUMMARY SHOWING THE AMOUNT AND KIND OF EXPLOSIVES
USED IN THE DIFFERENT METHODS OF MINING—SHIPPING MINES.

	Powder.		Permissibles.		Pellet powder.		Total tons mined.
	Kegs.	Tons blasted.	Pounds.	Tons blasted.	Pounds.	Tons blasted.	
From solid.....	149,508	2,269,308	27,075	108,012	675,700	640,431	3,017,751
Undercut.....	34,309	2,987,315	1,816,480	13,069,361	3,725,388	9,261,476	25,318,152
Strip mines.....	4,705	844,094	30,075	393,563	221,075	3,825,234	5,062,891
By other explosives.....							3,854,139
No explosives used.....							1,402,594
Total.....	188,522	6,100,717	1,873,630	13,570,936	4,622,163	13,727,141	38,655,527

TABLE 36—EXPLOSIVES USED IN LOCAL MINES—BY DISTRICTS.

District.	Kind of explosive.				Tons mined in—			Total tons.
	Powder— kegs.	Pellet powder— pounds.	Dyna- mite— pounds.	Permis- sible— pounds.	Machine mines.	Hand mines.	Strip mines.	
First.....	15,278	17,100			173,570	295,540	107,621	576,731
Second.....	14,242	30,225			279,725	150,252	2,600	432,577
Third.....	14,400	13,050			73,975	228,261	15,926	318,162
Fourth.....	12,565				110,696	156,119		266,815
Fifth.....	11,743	10,750		3,750	95,478	192,377	6,256	294,111
Sixth.....	1,161				6,059	41,934	590	48,583
Seventh.....	3,244	15,125	165		183,583	96,027	435	280,045
Eighth.....	11,753	22,793			113,163	288,924	62,812	464,899
Ninth.....	3,647	6,950			45,434	65,372	2,000	112,806
Tenth.....							541	541
Eleventh.....	2,899	9,650			29,248	45,983	6,383	81,614
Twelfth.....	9,710	16,800			13,727	169,078	8,862	191,667
Total.....	100,642	142,443	165	3,750	1,124,658	1,729,867	214,026	3,068,551

TABLE 37—MINES USING MECHANICAL LOADING DEVICES.

Number.	Name of operator.	District.	Tons mined.			Loading machines.			Conveyors.			Loaded by hand.		
			Number used.	Days operated.	Tons loaded.	Number used.	Days operated.	Tons loaded.	Number used.	Days operated.	Tons loaded.	Number of loaders.	Days worked.	Tons loaded.
1	Bell & Zoller Coal Co., No. 1.	10	887,197	163	887,197	20	163	887,197	---	---	---	486	---	885,444
2	Bell & Zoller Coal Co., No. 2.	10	890,270	1	80	1	80	4,826	---	---	---	---	158	---
3	Centuria Coal Co., No. 5.	10	230,576	146	221,427	6	146	221,427	3	146	9,454	---	---	---
4	Chicago, Wilmington & Franklin Coal Co., No. 1.	9	579,255	14	126	14	126	451,640	24	126	127,595	---	---	---
5	Chicago, Wilmington & Franklin Coal Co., No. 2.	10	1,206,619	31	133	31	133	1,038,872	55	133	170,747	---	---	---
6	Consolidated Coal Co. of St. Louis, No. 7.	12	449,637	10	135	10	135	398,553	---	---	---	46	90	42,084
7	Consolidated Coal Co. of St. Louis, No. 15.	6	789,432	13	205	13	205	789,442	---	---	---	---	---	---
8	Franeo Mining Corp.	12	241,387	---	---	---	---	---	33	159	194,642	30	159	46,745
9	Franklin County Coal Co., Inc., No. 5.	10	391,819	---	---	---	---	---	10	68	17,088	297	129	374,731
10	Franklin County Coal Co., Inc., No. 7.	10	519,446	6	180	6	180	253,728	35	29	33,099	134	180	232,619
11	Freeman Coal Mining Co.	12	102,266	1	41	1	41	3,589	12	61	23,111	100	107	75,566
12	Gillespie Coal Co.	6	318,866	---	---	---	---	---	33	269	318,866	---	---	---
13	Gundlach Coal Co.	8	134,932	7	165	7	165	134,932	---	---	---	---	---	---
14	Home Coal Co.	9	10,170	1	91	1	91	10,170	---	---	---	---	---	---
15	Illinois-Pocahontas Coal Co.	7	28,612	1	58	1	58	11,600	---	---	---	75	58	17,012
16	Indiana & Illinois Coal Corp., No. 10.	6	358,912	9	145	9	145	268,712	6	145	90,200	---	---	---
17	Lumaghi Coal Co., No. 2.	7	373,066	7	143	7	143	225,560	37	205	323,086	25	205	49,920
18	Marion County Coal Co.	7	241,578	11	227	11	227	571,227	---	---	---	11	143	16,018
19	Mt. Olive & Staunton Coal Co., No. 2.	7	584,226	6	170	6	170	239,251	4	134	11,046	38	5	1,953
20	Old Ben Coal Corp., No. 8.	10	688,555	---	---	---	---	---	73	170	449,304	---	---	---
21	Old Ben Coal Corp., No. 14.	10	74,505	---	---	---	---	---	74	36	74,505	---	---	---
22	Old Ben Coal Corp., No. 15.	10	680,711	---	---	---	---	---	100	173	680,711	---	---	---
23	Old Ben Coal Corp., No. 18.	12	445,978	---	---	---	---	---	100	105	445,978	---	---	---
24	Peabody Coal Co., No. 7.	4	986,122	15	222	15	222	954,291	4	222	31,831	105	221	204,441
25	Peabody Coal Co., No. 8.	4	84,806	8	221	8	221	659,884	2	15	481	---	---	---
26	Peabody Coal Co., No. 9.	4	1,016,754	15	221	15	221	886,198	5	221	130,556	---	---	---
27	Peabody Coal Co., No. 18.	4	61,868	9	18	9	18	35,116	32	18	26,752	---	---	---
28	Peabody Coal Co., No. 24.	5	547,031	12	183	12	183	423,889	19	183	89,869	19	183	33,273
29	Peabody Coal Co., No. 51.	4	50,437	---	---	---	---	---	36	35	50,437	---	---	---
30	Peabody Coal Co., No. 53.	4	238,242	---	---	---	---	---	50	129	238,242	---	---	---
31	Peabody Coal Co., No. 57.	4	302,357	---	---	---	---	---	53	162	302,357	---	---	---
32	Peabody Coal Co., No. 58.	4	787,503	12	246	12	246	787,503	---	---	---	---	---	---
33	Peabody Coal Co., No. 59.	4	308,010	---	---	---	---	---	55	156	308,010	---	---	---
34	Perry Coal Co., "Carbon."	8	83,067	---	---	---	---	---	20	144	83,067	---	---	---
35	Perry Coal Co., "St. Ellen."	8	370,692	6	267	6	267	325,910	4	267	44,782	---	---	---
36	Pechlirer & Sons Coal Co.	3	45,387	1	40	1	40	4,000	---	---	---	19	125	41,387

37 Rex Coal Co., No. 2	111	323,141	2	160	34,179	29	160	283,962	16	116	15,007
38 St. Louis Coal Co.	12	127,470	1	111	20,081	22	116	112,463	154	247	210,355
39 Seymour Coal Co.	8	286,363	12	176	151,779	8	247	55,927			
40 Southern Coal, Coke & Mining Co., No. 7	8	151,779									
41 Superior Coal Co., No. 1	6	662,606				108	224	662,606			
42 Superior Coal Co., No. 2	6	726,125				118	235	726,125			
43 Superior Coal Co., No. 3	6	721,033				117	228	721,033			
44 Superior Coal Co., No. 4	6	76,684				63	61	76,684			
45 Union Colliery Co.	9	863,218	20	186	863,248						
46 United States Fuel Co., "Ban"	5	1,009,404				14	178	54,491	977	123	954,913
47 Waller Coal Co., No. 1	10	878,163	22	133	878,163						
48 Wallace Coal Co.	12	94,105	2	229	94,105						
Total—48 mines		21,801,642	281	154	11,626,067	1,340	146	6,974,107	2,592	141	3,201,468
1933—51 mines		19,521,856	290	151	10,885,310	1,462	123	6,880,906	2,013	99	1,755,640

TABLE 38—MINES LOADING ENTIRE OUTPUT MECHANICALLY.

Name of operator.	District.	Total tons mined.	Loading machines.		Conveyors.		Number employed.	Days worked.
			Number used.	Tons loaded.	Number used.	Tons loaded.		
Bell & Zoller Coal Co., No. 1.....	10	887,197	20	887,197	-----	-----	612	163
Centralia Coal Co., No. 5.....	9	230,876	6	221,422	3	9,454	219	146
Chicago, Wilmington & Franklin Coal Co., No. 1.....	10	579,235	14	451,640	24	127,595	542	126
Chicago, Wilmington & Franklin Coal Co., No. 2.....	10	1,206,619	31	1,035,872	35	170,747	1,051	133
Consolidated Coal Co. of St. Louis, No. 15.....	6	789,442	13	789,442	-----	-----	565	205
Gillespie Coal Co.....	6	318,866	-----	-----	33	318,866	218	269
Gundlach Coal Co.....	8	134,932	7	134,932	-----	-----	129	165
Home Coal Co.....	9	10,170	1	10,170	-----	-----	22	91
Indiana & Illinois Coal Corp., No. 10.....	6	358,912	9	268,712	6	90,200	565	145
Old Ben Coal Corp., No. 8.....	10	688,555	6	239,251	73	449,304	545	159
Old Ben Coal Corp., No. 14.....	10	74,505	-----	-----	74	74,505	455	23
Old Ben Coal Corp., No. 15.....	10	680,711	-----	-----	100	680,711	508	176
Old Ben Coal Corp., No. 18.....	12	445,978	-----	-----	100	445,978	551	93
Peabody Coal Co., No. 7.....	4	986,122	15	954,291	4	31,831	527	222
Peabody Coal Co., No. 9.....	4	1,016,754	15	886,198	5	130,556	507	221
Peabody Coal Co., No. 18.....	10	61,868	9	35,116	32	26,752	567	40
Peabody Coal Co., No. 51.....	4	50,437	-----	-----	36	50,437	234	35
Peabody Coal Co., No. 53.....	4	238,242	-----	-----	50	238,242	327	129
Peabody Coal Co., No. 57.....	4	302,357	-----	-----	53	302,357	368	162
Peabody Coal Co., No. 58.....	4	787,503	12	787,503	-----	-----	383	246
Peabody Coal Co., No. 59.....	4	308,010	-----	-----	55	308,010	358	156
Perry Coal Co., "Carbon".....	8	83,067	-----	-----	20	83,067	111	144
Perry Coal Co., "St. Ellen".....	8	370,692	6	325,910	4	44,782	235	267
Rex Coal Co., No. 2.....	11	323,141	2	34,179	29	288,962	323	160
Southern Coal, Coke & Mining Co., No. 7.....	8	151,779	12	151,779	-----	-----	123	176
Superior Coal Co., No. 1.....	6	662,606	-----	-----	108	662,606	565	224
Superior Coal Co., No. 2.....	6	726,125	-----	-----	118	726,125	645	235
Superior Coal Co., No. 3.....	6	721,033	-----	-----	117	721,033	685	228
Superior Coal Co., No. 4.....	6	76,684	-----	-----	63	76,684	339	61
Union Colliery Co.....	9	863,248	20	863,248	-----	-----	540	186
Valier Coal Co., No. 1.....	10	878,163	22	878,163	-----	-----	516	133
Wallace Coal Co.....	12	94,105	2	94,105	-----	-----	37	229
Total—32 mines.....	-----	15,107,934	222	9,049,130	1,142	6,058,804	13,372	161
1933—32 mines.....	-----	13,344,573	193	7,652,407	1,120	5,692,166	13,202	157

TABLE 39—METHODS OF LOADING IN SHIPPING MINES.

District.	Total output.	Loading machines.		Conveyors.		Loaded by hand—tons.	Mined in strip mines—tons.	Percent loaded by—			
		Number used.	Tons loaded.	Number used.	Tons loaded.			Loading machines.	Conveyors.	Hand.	Strip mines.
First.....	1,777,138	-----	-----	-----	-----	325,655	1,451,483	-----	-----	18.3	81.7
Second.....	1,568,939	-----	-----	-----	-----	1,568,939	-----	-----	-----	100.0	-----
Third.....	1,838,159	1	4,000	-----	-----	689,456	1,144,703	0.2	-----	37.5	62.3
Fourth.....	6,056,629	50	3,287,876	205	1,061,914	1,706,839	-----	54.3	17.5	28.2	-----
Fifth.....	1,840,005	12	423,889	33	144,360	1,235,553	36,203	23.1	7.8	67.1	2.0
Sixth.....	3,921,804	22	1,058,154	445	2,595,514	268,136	-----	27.0	66.2	6.8	-----
Seventh.....	1,663,887	19	808,387	41	334,132	493,259	28,109	48.6	20.1	29.6	1.7
Eighth.....	2,328,014	25	612,621	24	127,849	1,587,226	318	26.3	5.5	68.2	-----
Ninth.....	5,249,945	27	1,094,840	25	121,917	1,072,580	2,960,608	20.9	2.3	20.4	56.4
Tenth.....	7,780,162	109	3,785,793	383	1,579,801	2,414,568	-----	48.7	20.3	31.0	-----
Eleventh.....	2,731,693	2	34,179	29	288,962	2,145,356	263,166	1.3	10.6	78.5	9.6
Twelfth.....	1,899,152	14	516,328	155	719,658	539,538	123,628	27.2	37.9	28.4	6.5
Total.....	38,655,527	280	11,626,067	1,340	6,974,107	14,047,135	6,008,218	30.1	18.0	36.3	15.6

TABLE 40—MECHANICAL LOADING FOR SEVEN YEARS—1928-1934.

Year.	Entire output.			Part of output.			Total.			Per cent of—	
	Mines.	Ma-chines.	Tons loaded.	Mines.	Ma-chines.	Tons loaded.	Mines.	Ma-chines.	Tons loaded.	Mines.	Tons loaded.
1928.....	17	177	2,299,720	37	815	4,442,434	54	992	6,742,154	26.2	12.4
1929.....	22	603	5,882,615	51	1,525	11,947,755	73	2,128	17,830,368	36.5	30.2
1930.....	31	1,307	13,839,912	38	931	9,665,969	69	2,238	23,249,881	37.3	44.7
1931.....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1

TABLE 41—METHOD OF LOADING IN SHIPPING MINES FOR SEVEN YEARS—1928-1934.

Year.	Loading machines.			By hand.		Strip mines.		Percent of output loaded.		
	Mines.	Ma-chines.	Tons loaded.	Mines.	Tons loaded.	Mines.	Tons mined.	By ma-chine.	By hand.	Strip mines.
1928.....	54	992	6,742,154	137	43,298,013	15	4,244,017	12.4	79.8	7.8
1929.....	73	2,128	17,830,368	160	35,995,126	17	5,250,501	30.2	60.9	8.9
1930.....	69	2,238	23,249,881	139	22,526,391	15	6,220,336	44.7	43.3	12.0
1931.....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932.....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933.....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934.....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6

TABLE 42—PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES.

Number.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num- ber of seam.	Thick- ness of seam in feet.	Shaft, slope, drift or strip.	Depth of shaft in feet.	Long- wall or pillar and room.	Mining.	Haulage.	Hoisting.	Loading.	Open or closed lights.	Is mine rock dusted?
1	Bond County— Illinois-Pocahontas Coal Co.	Pocahontas.	28,612	6	7' 0"	Shaft	420 P. R.		Machine	Both	Steam	Both	Open	No
2	Christian County— Pana Coal Co. Peabody Coal Co., No. 7 Peabody Coal Co., No. 8 Peabody Coal Co., No. 9 Peabody Coal Co., No. 58 Penwell Coal Mining Co.	Pana. Kincaid. Tovey. Taylorville. Taylorville. Pana.	127,182 986,122 864,806 1,016,754 787,503 78,339	6 6 7 6 6 6	7' 6" 6' 6" 6' 6" 7' 0" 7' 0" 7' 6"	Shaft Shaft Shaft Shaft Shaft Shaft	729 P. R. 360 P. R. 370 P. R. 410 P. R. 446 P. R. 732 P. R.		Hand Machine Machine Machine Machine Both	Both Motor Motor Motor Motor Both	Steam Electric Electric Electric Steam Steam	Hand Machine Both Machine Machine Hand	Open Open Open Open Open Open	No No Yes Yes Yes No
3	Clinton County— Beckemeyer Coal Co. Citizens Coal Co. Southern Coal, Coke & Mining Co., No. 9.	Beckemeyer. Bresee. New Baden.	55,919 79,239 149,092	6 6 6	7' 6" 7' 6" 7' 0"	Shaft Shaft Shaft	450 P. R. 435 P. R. 318 P. R.		Machine Machine Machine	Both Both Motor	Steam Steam Steam	Hand Hand Hand	Open Open Open	No No No
4	Franklin County— Bell & Zoller Coal & Mining Co., No. 1 Bell & Zoller Coal & Mining Co., No. 2 Brewerton Coal Co., No. 22 Chicago, Wilmington & Franklin Coal Co., No. 1 Chicago, Wilmington & Franklin Coal Co., No. 2 Franklin County Coal Co., Inc., No. 5 Franklin County Coal Co., Inc., No. 7 Franklin Mining Co. Old Ben Coal Corp., No. 8 Old Ben Coal Corp., No. 14 Old Ben Coal Corp., No. 15 Peabody Coal Co., No. 18 Peabody Coal Co., No. 19 Valter Coal Co., No. 1 West Frankfort Coal Co., No. 21	Zeigler. Zeigler. Sesser. Orient. W. Frankfort. Herrin. Royalton. Benton. W. Frankfort. Buckner. W. Frankfort. W. Frankfort. W. Frankfort. W. Frankfort. Valter. W. Frankfort.	887,197 890,270 195,984 579,235 1,206,619 391,819 519,446 153,925 688,555 74,505 680,711 61,868 374,398 878,143 197,467	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9' 0" 9' 0" 9' 0" 9' 6" 9' 2" 9' 6" 9' 6" 6' 6" 8' 8" 8' 11" 8' 10" 8' 10" 9' 0" 7' 6" 9' 0"	Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft	400 P. R. 350 P. R. 693 P. R. 520 P. R. 500 P. R. 349 P. R. 315 P. R. 640 P. R. 442 P. R. 459 P. R. 418 P. R. 512 P. R. 496 P. R. 600 P. R. 500 P. R.		Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine	Motor Motor Motor Motor Motor Both Both Both Motor Motor Motor Both Motor Motor	Steam Steam Steam Steam Electric Steam Steam Steam Electric Electric Steam Steam Electric Electric	Machine Both Both Hand Machine Machine Machine Machine Machine Machine Machine Machine Machine Machine Hand	Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed Closed	Yes Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes Yes

	Canton.....	46,591	5	4'	6"	Shaft	75 P. R.	Machine	Both	Electric	Hand	Open	No
	Canton.....	35,905	5	4'	0"	Shaft	180 P. R.	Machine	Both	Steam	Hand	Open	No
	Farmington.....	18,867	5	4'	0"	Shaft	93 P. R.	Machine	Both	Electric	Hand	Open	No
	Dorfield Coal Co., No. 3.....	165,211	5	4'	0"	Shaft	100 P. R.	Both	Both	Electric	Hand	Open	No
	Middle Grove.....	11,402	5	4'	0"	Shaft	79 P. R.	Machine	Mule	Electric	Hand	Open	No
	Golden Rule Coal Co.....	40,653	5	4'	1"	Shaft	185 P. R.	Both	Both	Steam	Hand	Open	No
	Livings-Smith.....	3,809	5	5'	0"	Strip							
	Midland Electric Coal Corp., No. 2.....	433,729	5	4'	6"	Strip							
	Peschier & Sons.....	45,387	5	4'	8"	Shaft	90 P. R.	Machine	Both	Electric	Hand	Open	No
	Read Coal Co., E. A.....	5,746	5	4'	6"	Slope	P. R.	Hand	Both	Gas.	Hand	Open	No
	Sunnyside Coal Co.....	11,743	5	4'	8"	Slope	P. R.	Hand	Mule	Gas.	Hand	Open	No
	Swords, Geo.....	9,440	5	4'	6"	Strip							
	Trux-Traer Coal Co.....	360,907	5	4'	6"	Strip							
	United Electric Coal Co., No. 9.....	336,818	5	4'	10"	Strip							
6	Atkinson Alpha.....	489,968 69,649	2 1	2' 4'	9" 8"	Strip Shaft	265 P. R.	Hand	Mule	Electric	Hand	Open	No
7	Hurst.....	3,035 246,864 365,921 863,248	6 6 6 6	6' 5' 5' 8'	0" 0" 0" 0"	Slope Strip Strip Shaft	P. R. 280 P. R.	Machine Machine	Pony Motor	Steam Electric	Hand Machine	Open Closed	No Yes
8	Galesburg.....	311,751	1	4'	4"	Shaft	115 P. R.	Both	Both	Steam	Hand	Open	No
9	Ottawa.....	14,714 38,909 136,184	2 2 2	1' 3' 3'	10" 4" 6"	Strip Shaft Shaft	L. W. L. W.	Hand Both	Both Both	Electric Electric	Hand Hand	Open Open	No No
10	Decatur.....	161,401	5	4'	6"	Shaft	600 L.W.,P.R.	Machine	Both	Steam	Hand	Open	No
11	Mt. Olive.....	789,442 318,866 18,450 662,606 726,125 721,933 76,984 48,565	6 6 6 6 6 6 6 6	7' 6' 8' 7' 7' 7' 7' 6'	6" 6" 0" 5" 5" 0" 0" 6"	Shaft Shaft Shaft Shaft Shaft Shaft Shaft Shaft	375 P. R. 347 P. R. 420 P. R. 338 P. R. 321 P. R. 347 P. R. 314 P. R. 326 P. R.	Machine Machine Machine Machine Machine Machine Machine Machine	Motor Both Both Both Both Motor Both	Steam Electric Steam Steam Steam Steam Steam Steam	Machine Machine Machine Machine Machine Machine Machine Machine	Open Open Open Open Open Open Open Open	No No No No No No No No

TABLE 42—Continued.

Number.	County, district, name of operator and mine.	Post office address of mine.	Tons of coal produced.	Num- ber of seam.	Thick- ness of seam in feet.	Shaft, slope, drift or in strip.	Depth of shaft in feet.	Long- wall or pillar and room.	Mining.	Haulage.	Hoisting.	Loading.	Open or closed lights.	Is mine rock dusted?
12	Madison County— Bullock Mining Co. Chicopee Coal Co. Livingston-Mt. Olive Coal Co. Lumachi Coal Co., No. 2 Madison County Coal & Mining Co. Mt. Olive & Staunton Coal Co. Stiers Bros. Construction Co.	Collinsville.	15,887	6	6' 6"	Shaft	165 P. R.	Hand	Machine	Mule	Steam	Hand	Open	No
		Troy.	49,964	6	5' 6"	Shaft	287 P. R.	Machine	Machine	Both	Steam	Hand	Open	No
		Livingston.	180,524	6	6' 2"	Shaft	287 P. R.	Machine	Machine	Motor	Steam	Hand	Open	No
		Collinsville.	373,006	6	8' 0"	Shaft	197 P. R.	Machine	Machine	Both	Steam	Both	Open	No
		Edwardsville.	110,797	6	5' 6"	Shaft	230 P. R.	Machine	Machine	Motor	Steam	Hand	Open	No
		Staunton.	584,226	6	6' 0"	Shaft	525 P. R.	Machine	Machine	Both	Steam	Both	Open	Yes
		Moro.	28,109	6	4' 6"	Strip								
13	Marion County— Marion County Coal Co. Oudin Coal Co.	Centralia.	241,578	6	6' 6"	Shaft	600 P. R.	Machine	Machine	Both	Steam	Both	Open	No
		Oudin.	51,184	6	6' 6"	Shaft	714 P. R.				Steam	Hand	Open	No
14	Montgomery County— Hillsboro Coal Co. Ind. & Ill. Coal Corp., No. 10.	Hillsboro.	190,759	6	7' 6"	Shaft	472 P. R.	Machine	Machine	Both	Steam	Hand	Open	No
		Nokomis.	358,912	6	8' 0"	Shaft	640 P. R.				Electric	Machine	Open	No
15	Peoria County— Crescent Mining Co., No. 1. Crescent Mining Co., No. 6. Dorthel Coal Co., No. 1. Glenwood Mining Co., No. 3.	Peoria.	295,886	5	4' 4"	Slope		Machine	Machine	Both	Electric	Hand	Open	No
		Peoria.	785,092	5	4' 4"	Slope		Machine	Machine	Both	Electric	Hand	Open	No
		Hanna City.	120,484	5	4' 0"	Shaft	240	Machine	Machine	Both	Electric	Hand	Open	No
		Edwards.	51,702	5	4' 0"	Drift			Both		Electric	Hand	Open	No
16	Perry County— Bailey Bros. Coal Co. Beaucoup Coal Co. Bibby Coal Co. Briar Hill Coal Mining Co., No. 45. Coal Stripping Co., No. 1. Conant Coal Co. Coulterville Coal Co. Greer-Clinch Coal Co., No. 14. Greer-Clinch Coal Co., No. 15. Cutler Coal Co., Inc.	DuQuoin.	4,930	6	5' 0"	Shaft	75 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
		Puckneyville.	16,119	6	6' 6"	Shaft	146 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
		Puckneyville.	3,173	6	7' 0"	Shaft	90 P. R.	Hand	Hand	Mule	Steam	Hand	Open	No
		Puckneyville.	17,041	6	6' 6"	Shaft	132 P. R.	Hand	Hand	Both	Steam	Hand	Open	No
		Puckneyville.	372,142	6	5' 0"	Strip								
		Conant.	1,927	6	6' 0"	Shaft								
		Coulterville.	127,970	6	6' 6"	Shaft	110 P. R.	Machine	Machine	Mule	Electric	Hand	Open	No
		DuQuoin.	332,226	6	6' 0"	Shaft	412 P. R.	Machine	Machine	Both	Steam	Hand	Both	Yes
		DuQuoin.	45,600	6	5' 0"	Strip								
		Cutler.	103,671	6	6' 0"	Shaft	120 P. R.	Machine	Machine	Both	Steam	Hand	Open	No

Home Coal Co., No. 8	Willisville	10, 170	6	6' 0" Shaft	80 P. R.	Machine	Both	Steam	Machine	Open	No
Imperial Coal Co.	Tamara	742	6	5' 6" Shaft	210 P. R.	Hand	Mule	Steam	Hand	Open	No
Perfection Coal Co.	DuQuoin	83, 774	6	6' 0" Strip							
Pyramid Coal Co.	Pineknecyville	923, 001	6	6' 0" Strip							
Rising Coal Co.	Cutler	12, 800	6	5' 6" Shaft	51 P. R.	Hand	Mule	Steam	Hand	Open	No
Talbot Coalery Co.	DuQuoin	1, 940	6	6' 0" Strip							
Tamara Coal Co.	Tamara	3, 980	6	5' 6" Shaft	238 P. R.	Hand	Mule	Steam	Hand	Open	No
United Electric Coal Co., No. 11	DuQuoin	921, 366	6	7' 10" Strip							
Whip-Poor-Will Coal & Mining Co.	Cutler	17, 524	6	5' 8" Shaft	130 P. R.	Hand	Mule	Steam	Hand	Open	No
Winkle Coal Co.	Swanwick	19, 676	6	7' 6" Shaft	285 P. R.	Both	Both	Electric	Hand	Open	No
17 Putnam County—											
Prairie State Coal Co.	Granville	80, 913	3	3' 4" Shaft	500 L. W.	Hand	Both	Steam	Hand	Open	No
18 Randolph County—											
Illmo Coal Co.	Sparta	21, 063	6	6' 0" Shaft	130 P. R.	Machine	Mule	Electric	Hand	Open	No
Jones Bros. Coal Mining Co., No. 2	Marissa	35, 230	6	6' 6" Shaft	180 P. R.	Hand	Mule	Steam	Hand	Open	No
Moffat Coal Co.	Sparta	251, 433	6	6' 0" Shaft	140 P. R.	Machine	Both	Steam	Hand	Open	No
St. Louis Coal Co.	Coulterville	127, 470	6	5' 10" Shaft	195 P. R.	Machine	Both	Steam	Both	Open	No
19 Saline County—											
Blue Bird Coal Co.	Carrier Mills	263, 166	5	4' 4" Strip	450 P. R.	Machine	Motor	Steam	Hand	Closed	Yes
Peabody Coal Co., No. 47	Harcro	447, 406	5	5' 4" Shaft	465 P. R.	Machine	Motor	Steam	Machine	Closed	No
Rex Coal Co., No. 2	Eldorado	323, 141	5	6' 0" Shaft	311 P. R.	Machine	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 1	Harrisburg	352, 067	5	5' 0" Shaft	245 P. R.	Machine	Motor	Steam	Hand	Open	No
Sahara Coal Co., No. 3	Harrisburg	272, 405	5	5' 0" Shaft	406 P. R.	Machine	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 10	Eldorado	335, 957	5	4' 10" Shaft	413 P. R.	Machine	Both	Steam	Hand	Open	No
Sahara Coal Co., No. 12	Harrisburg	305, 625	5	5' 0" Shaft	325 P. R.	Machine	Both	Steam	Hand	Open	Yes
Wasson Coal Co., No. 1	Harrisburg	400, 910	5	5' 6" Shaft							
20 Sangamon County—											
Central Illinois Coal Mining Co.	Springfield	335, 869	5	5' 6" Shaft	201 P. R.	Hand	Both	Electric	Hand	Open	No
Jefferson Coal Mining Co., No. 81	Springfield	90, 118	5	6' 0" Shaft	250 P. R.	Hand	Both	Electric	Hand	Open	No
Mine-B Coal Co.	Springfield	261, 873	5	5' 6" Shaft	208 P. R.	Hand	Both	Electric	Hand	Open	No
Panther Creek Mines, No. 4	Springfield	280, 979	5	5' 8" Shaft	156 P. R.	Hand	Both	Steam	Hand	Open	No
Panther Creek Mines, No. 5	Springfield	134, 107	5	5' 10" Shaft	250 P. R.	Hand	Both	Steam	Hand	Open	No
Peabody Coal Co., No. 51	Springfield	50, 437	5	5' 10" Shaft	210 P. R.	Machine	Both	Steam	Machine	Open	Yes
Peabody Coal Co., No. 53	Springfield	238, 242	5	5' 9" Shaft	250 P. R.	Machine	Both	Electric	Machine	Open	Yes
Peabody Coal Co., No. 57	Springfield	302, 357	5	5' 6" Shaft	225 P. R.	Machine	Both	Steam	Machine	Open	Yes
Peabody Coal Co., No. 59	Springfield	308, 010	5	5' 8" Shaft	239 P. R.	Machine	Both	Steam	Machine	Open	Yes
Sangamon Coal Co., No. 2	Springfield	193, 931	5	5' 10" Shaft	265 P. R.	Hand	Both	Steam	Hand	Open	No
21 Shelby County—											
Erie Southess Coal Co.	Moweaqua	10, 362	5	5' 3" Shaft	630 P. R.	Machine	Both	Steam	Hand	Closed	No

[illegible]

TABLE 43—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING AND TONS PRODUCED FROM EACH SEAM.

Number of seam.	Number of—		Kind of opening.				Manner of working.		Production in tons.
	Countries.	Mines.	Shaft.	Drift.	Slope.	Strip.	Pillar and room.	Longwall.	
One.....	2	2	2				2		381,400
Two.....	4	6	3			3		3	1,099,347
Three.....	2	2	2					2	111,402
Four.....	8	42	29	1	7	5	*37	*1	7,657,508
Five.....	17	116	93	1	5	17	98	1	27,842,137
Six.....	2	4	1		2	1	3		27,963,733
Seven.....									
Total.....	29	172	130	2	14	26	*140	*7	38,655,527

* One Macon County operator works both longwall and pillar and room.

TABLE 44—LIST OF FATALITIES, 1934.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Allen, E. C.....	Bottom boss.....	Collinsville.....	June 9	June 9	Pit cars.....	St. Louis & O'Fallon Coal Co., No. 2.
Armstrong, Robert.....	Miner.....	Streator.....	Oct. 24	Oct. 24	Fall of rock.....	Streator Union Coal Co.
Baker, Wm.....	Miner.....	Gillespie.....	Oct. 31	Oct. 31	Run-away cars.....	Superior Coal Co., No. 1.
Bareich, Armond.....	Electrician.....	Farmington.....	Jan. 11	Jan. 11	Electrocuted.....	Midland Electric Coal Co., No. 2.
Barnes, William.....	Driver.....	Coulterville.....	Jan. 12	Jan. 12	Fall of rock.....	St. Louis Coal Co.
Bertges, George.....	Timberman.....	Centralia.....	Nov. 14	Nov. 14	Fall of slate.....	Centralia Coal Co., No. 5.
Biros, Andy.....	Shoveler.....	Williamsen.....	Nov. 26	Nov. 27	Fall of coal.....	Mt. Olive & Staunton Coal Co., No. 2.
Blackman, Eugene.....	Leader.....	Stonefort.....	Aug. 28	Sept. 6	Powder explosion.....	C. C. McNew.
Borrmann, Edward B.....	Miner.....	Royalton.....	May 26	Sept. 26	Pit cars.....	Ball & Zoller Coal & Mining Co., No. 2.
Bourland, Harvey.....	Trip rider.....	Clifford.....	Feb. 22	Feb. 22	Struck head against roof.....	Peabody Coal Co., No. 47.
Bratchler, James.....	Leader.....	Herrin.....	Jan. 23	Jan. 23	Fall of rock.....	Freeman Coal Mining Co.
Bray, Ernest, Sr.....	Miner.....	Bend.....	Dec. 26	Dec. 26	Electrocuted.....	Superior Coal Co., No. 2.
Burkiss, Tony.....	Timberman.....	Johnston City.....	April 24	April 26	Fall of slate.....	Cosgrove-Meehan Coal Co., No. 1.

Butterfield, Charles H	Blacksmith	East Peoria	July	17 July	17 Electrocutted	Lake Eric Mining Co., No. 1
Caneff, Tony	Machine man	Benton	Dec.	20 Dec.	20 Fall of coal	C., W. & F. Coal Co., No. 2.
Champion, Louis	Miner	Westville	April	19 April	19 Fall of rock	United States Fuel Co., "Bun"
Coleman, G. B	Miner	Fairmount	Mar.	13 Mar.	13 Fall of rock	Pearson Coal Co.
Connelly, Edward	Face boss	West Frankfort	Nov.	8 Nov.	8 Pit cars	Old Ben Coal Corp., No. 15.
Cox, Elmar	Maehine man	Taylorville	Mar.	25 Mar.	22 Fall of coal	Peabody Coal Co., No. 8.
Cox, Henry F	Miner	Shelbyville	Mar.	25 Mar.	22 Fall of rock	J. G. Root & Co.
Cunningham, James	Trip rider	Herrin	Nov.	26 Nov.	26 Pit cars	Bell & Zoller Coal & Mining Co., No. 2.
Darnell, Herbert	Leader	West Frankfort	Nov.	21 Nov.	21 Electrocutted	West Frankfort Coal Co., No. 21.
Doupe, Pietro	Maehine runner	Westville	July	31 July	31 Bits of sheering machine	United States Fuel Co., "Bun"
Doolin, Albert	Company man	Taylorville	Sept.	12 Sept.	13 Struck by timber on motor	Peabody Coal Co., No. 8.
Dreyer, William	Miner	Ladysburg	Feb.	10 Aug.	10 Pit cars	Golden Rule Coal Co.
Duncan, Albert	Trip rider	Buckner	Feb.	6 Feb.	6 Electrocutted	Valley Coal Co., No. 1.
Eberhardt, Lee	Maehine runner	Johnston City	Jan.	16 Jan.	16 Fall of coal	Old Ben Coal Corp., No. 18.
Eccles, Ben	Miner	Alton	Feb.	22 Feb.	22 Fall of coal	Harrison & Eccles.
Elm, Richard	Timberman	West Frankfort	Sept.	22 Sept.	22 Fall of rock	C., W. & F. Coal Co., No. 1.
Emminger, Clifford E.	Blacksmith	Geneseo	May	16 May	16 Caught in crusher rollers	Midland Electric Coal Co., No. 1.
Fronum, Rudolph	Timberman	Springfield	Nov.	1 Nov.	1 Fall of slate	Peabody Coal Co., No. 57.
Gibson, Hugh	Driver	Riverton	Mar.	6 Mar.	6 Pit cars	Panther Creek Mines, No. 4.
Hall, Alfred	Miner	Coal Valley	Nov.	8 Nov.	8 Fall of rock	George W. Roberts.
Hall, Wiley	Loader	Zeigler	Oct.	19 Oct.	19 Pit cars	Bell & Zoller Coal & Mining Co., No. 2.
Herron, Scott	Assistant manager	Muddy	Dec.	19 Dec.	19 Fall of rock	Sabara Coal Co., No. 1.
Howell, Dave	Loader	Johnston City	Jan.	11 Jan.	11 Fall of coal	Cosgrave-Meehan Coal Co., No. 1.
Hubbard, Earl	Top laborer	Mulkeytown	Feb.	20 Feb.	20 Caught in belt	Bell & Zoller Coal & Mining Co., No. 1.
Hulford, Herbert	Maehine runner	Peoria	Aug.	1 Aug.	24 Struck by skid while unloading machine	Crescent Mining Co., No. 6.
Hulsander, Isaac	Miner	Atkinson	Sept.	26 Oct.	26 Fall of rock	Pollock Coal Mine.
Jackson, Sam	Trackman	Johnston City	Nov.	26 Nov.	26 Fall of rock	Old Ben Coal Corp., No. 18.
Jackson, Woodrow Wilson	Engineer	Salisbury	Oct.	10 Oct.	14 Struck by bed of dump truck.	Lincoln Trail Coal Co.
Kobbler, Fred	Track layer	Collinsville	Aug.	31 Aug.	31 Electrocutted	Madison County Coal & Min. Co., No. 4.
Kendora, Joseph	Miner	Ladysburg	Jan.	18 Jan.	18 Pit cars	Mathias & Hughes Zinc Co.
Killgrove, Arlie	Track helper	Zeigler	Dec.	7 Dec.	7 Struck by derailed motor	Bell & Zoller Coal & Mining Co., No. 1.
Lewis, William	Loader	Troy	Mar.	22 Mar.	22 Asphyxiation	Chicopee Coal Co., No. 1.
Larther, Fred	Motorman	Drearia	Feb.	17 Feb.	17 Pit cars	Macon County Coal Co.
Margelli, Dominic	Timberman	Peoria	Dec.	23 Dec.	23 Fall of rock	Treasure Coal Co., No. 1.
Marshall, Hiram J	Loading machine operator	West Frankfort	June	10 June	15 Fall of rib coal	Peabody Coal Co., No. 18.
McKeen, John	Leader	West Frankfort	Feb.	5 Feb.	5 Fall of rib coal	Old Ben Coal Corp., No. 15.
McMahon, Kenneth	Pumpman	West Frankfort	June	1 June	1 Struck by motor	C., W. & F. Coal Co., No. 1.
Miller, Alexander B.	Mine manager	Pleasant Plains	Jan.	18 Jan.	18 Pit cars	Happy Hollow Coal Co.
Moehlan, Steve	Miner	Beuld	Apr.	16 Apr.	16 Fall of slate	Superior Coal Co., No. 1.
Moore, John	Leader	Johnston City	April	23 April	24 Fall of coal	Old Ben Coal Corp., No. 8.
Morris, Russell	Oiler	Harrisburg	Mar.	20 Mar.	20 Caught in machinery	Blue Bird Coal Co.
Mazzarelli, Dominic	Miner	Granville	Nov.	21 Nov.	21 Electrocutted	Prairie State Coal Co.
Pace, Albert	Mule driver	West Frankfort	Sept.	27 Sept.	27 Pit cars	Peabody Coal Co., No. 19.
Pana, Philip	Loading machine operator	Stanton	May	1 May	1 Fall of slate	Mt. Olive & Stanton Coal Co., No. 2.
Pool, Earnest	Leader	Eldorado	Aug.	30 Aug.	30 Fall of rock	Peabody Coal Co., No. 47.

TABLE 44—Concluded.

Name of person killed.	Occupation.	Residence.	Date of accident.	Date of death.	Cause of death.	By whom employed.
Portoski, William.	Dustman and sprinkler	Sesser	July	6 July	12 Caught between pit car and rib	Valier Coal Co., No. 1.
Pugh, Able	Miner	Streator	Feb.	1 Feb.	1 Slide of earth and slate.	Ward & Pugh.
Ranktis, Mike	Miner	Westville	Mar.	8 April	1 Fall of rock.	United States Fuel Co., "Bun".
Raymond, William	Miner	Freeman Spur	Sept. 12, 1933	9 Mar.	13 Fall of coal.	Franklin County Coal Co., No. 5.
Rensing, Jule	Miner	German town	Mar.	9 Mar.	9 Fall of coal.	Southern Coal, Coke & Mining Co., No. 9.
Rodden, Charles	Driller	Taylorville	Sept.	29 Oct.	2 Shot explosion.	Peabody Coal Co., No. 9.
Rodman, Carl	Apprentice miner	Cambria	Dec.	3 Dec.	3 Fall of rock.	City Lake Coal Co.
Rosberry, Thomas	Driver	Sparta	April	21 April	21 Pit cars.	Moffat Coal Co.
Shablonsky, August	Timberman	Royalton	Dec.	10 Dec.	10 Fall of coal.	Franklin County Coal Co., No. 7.
Shack, Ralph	Miner	Cartersville	Dec.	3 Dec.	3 Fall of rock.	City Lake Coal Co.
Smith, John	Loader	Nashville	Feb.	7 Feb.	7 Fall of coal.	Clarkson Coal Mining Co.
Smith, Peter W.	Electrician	Taylorville	July	12 July	12 Pit cars.	Peabody Coal Co., No. 7.
Spoon, Roy	Miner	Spaulding	Oct.	16 Oct.	16 Fall of slate.	Panther Creek Mines, No. 4.
Stefani, Pete	Snubber	Stanton	April	9 April	9 Fall of coal.	Mr. Olive & Staunton Coal Co., No. 2.
Szymzyk, John	Loader	Royalton	Oct.	18 Oct.	20 Fall of face coal.	Franklin County Coal Co., No. 7.
Thomas, John	Miner	Bellefonte	Dec.	30 Dec.	30 Pit cars.	Groom Coal Co.
Tonso, John	Miner	Collinsville	Aug.	30 Aug.	30 Electrocuted.	Lumaghi Coal Co., No. 2.
Trunko, Leo	Miner	Fairview	Mar.	16 Mar.	16 Fall of slate.	Galesburg Mining Co.
Tulo, John	Loading machine operator	Benton	April	24 April	24 Fall of rock.	C. W. & F. Coal Co., No. 2.
Turebi, James	Miner	Nokomis	Dec.	17 Dec.	17 Fall of slate.	Indiana & Illinois Coal Corp., No. 10.
Udot, Tony	Miner	Ottawa	Jan.	9 Jan.	9 Fall of rock.	Tony Udot.
Underwood, Roy	Rockman	Westville	Feb.	27 April	12 Fall of rock.	United States Fuel Co., "Bun".
Waggoner, Lathier	Miner	Ottawa	Jan.	15 Jan.	15 Fall of roof.	A. C. Waggoner Coal Co.
West, John E.	Loading machine operator	Danville	Nov.	20 Dec.	9 Fall of rock.	Peabody Coal Co., No. 24.
West, Ernest	Motorman	Westville	June	5 June	5 Fall of coal.	United States Fuel Co., "Bun".
Wilson, J. M.	Motorman	Taylorville	Jan.	6 Jan.	6 Fall of rock.	Peabody Coal Co., No. 9.
Wines, Barton	Truckman	Taylorville	Feb.	26 Feb.	26 Fall of slate.	Peabody Coal Co., No. 7.
Wolf, John	Shot firer	Springfield	Feb.	19 Feb.	19 Shot explosion.	Peabody Coal Co., No. 53.

TABLE 45—FATAL ACCIDENTS, BY DISTRICTS AND CAUSES.

District.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Other causes.	Total.	Machinery.	Other causes.	Total.	
First.....	5	1				6	1	2	3	9
Second.....	1				1	2		1	1	3
Third.....	1					1		1	1	2
Fourth.....	6	3		1	1	11		1	1	12
Fifth.....	6	1			1	8				8
Sixth.....	12	1	1			14				14
Seventh.....	5		12		1	18				18
Eighth.....	1	3				4				4
Ninth.....	3	1				4				4
Tenth.....	9	8	12			29	1		1	30
Eleventh.....	12			1	1	14	1		1	15
Twelfth.....	7					7				7
Total.....	48	18	5	2	5	78	3	5	8	86

TABLE 46—FATAL ACCIDENTS, BY OCCUPATIONS AND CAUSES.

Occupation.	Underground.						On surface.			Grand total.
	Falls of roof and sides.	Haulage.	Electricity.	Explosives.	Other causes.	Total.	Machinery.	Other causes.	Total.	
Blacksmith.....							1	1	2	2
Bottom boss.....		1				1				1
Driller.....				1		1				1
Driver.....	1	3				4				4
Electrician.....		1				1		1	1	2
Engineer.....								1	1	1
Face boss.....		1				1				1
Laborer.....	3	1			1	5	1		1	6
Loader.....	7	1	1	1	1	11				11
Machine man.....	7				2	9				9
Manager.....	1	1				2				2
Miner.....	18	5	2			25		2	2	27
Motorman.....	2	1				3				3
Oiler.....							1		1	1
Pumpman.....		1				1				1
Shot firer.....	1					1				1
Trip rider.....	6	1	1		1	9				9
Timberman.....						6				6
Trackman.....	2	1	1			4				4
Total.....	48	18	5	2	5	78	3	5	8	86

TABLE 47—FATAL ACCIDENTS, BY MONTHS.

Month.	Districts—shipping mines.												Local mines.		Total fatalities.	
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Total.	District.		Number killed.
January			1	1					1			3	6	1	3	10
February				2	1				1	3	1		8	4	1	10
March			1	2			1	1			1		6	7	1	8
April					3	1	1		1	2		1	9			9
May	1						1			1			3			3
June					1			1		2			4			4
July		1		1	1					1			4			4
August		1					2	1			1		5	11	1	6
September				1						3			4			4
October				2		1				2			5	1	2	8
November	1			1			1		1	3		1	8	4	1	9
December					1	2		1		3	1	2	10	2	1	11
Total—shipping mines	2	2	2	10	7	4	6	4	4	20	4	7	72		14	86
Total—local mines	7	1		2	1		1				1		14			
Total—all mines	9	3	2	12	8	4	7	4	4	20	5	7	86			

TABLE 48—CONJUGAL RELATION OF THE MEN KILLED AND TONS MINED AND NUMBER EMPLOYED TO ONE KILLED, AND FATALITIES PER 1,000,000 TONS MINED AND PER 1,000 EMPLOYEES.

District.	Number killed.	Conjugal relations.					Tons mined to one killed.	Number employed to one killed.	Number killed.	
		Married.	Single.	Widows.	Children.	Dependents.			Per 1,000,000 tons mined.	Per 1,000 employed.
First.....	9	6	3	6	9	15	261,541	373	3.8	2.7
Second.....	3	2	1	2	3	5	667,172	971	1.5	1.0
Third.....	2		2			2	1,078,161	1,419	0.9	0.7
Fourth.....	12	8	4	8	12	20	526,954	525	1.9	1.9
Fifth.....	8	7	1	7	6	14	266,765	436	3.7	2.3
Sixth.....	5	5		5	6	11	794,077	914	1.3	1.1
Seventh.....	7	7		7	10	17	277,705	397	3.6	2.5
Eighth.....	4	3	1	3	1	4	698,228	932	1.4	1.1
Ninth.....	4	3	1	3	1	5	1,340,688	1,071	0.7	0.9
Tenth.....	20	14	6	14	24	38	389,035	421	2.6	2.4
Eleventh.....	5	5		5	11	16	562,661	820	1.8	1.2
Twelfth.....	7	6	1	6	14	20	298,688	387	3.3	2.6
Total.....	86	66	20	66	97	167	485,164	576	2.1	1.7

TABLE 49—CAUSE OF FATAL ACCIDENTS BY YEARS—1882-1934.

Year.	Total number killed.	Underground.						In shaft.				On surface.			
		Falls of roof and slides.	Gas explosives.	Haulage.	Electricity.	Explosives.	Other causes.	Falling down shaft.	Cage.	Other causes.	Total.	Machinery.	Railway cars.	Other causes.	Total.
1882	40	26				5	9	40							
1883	134	40	12	2		2	*78	134							
1884	46	29	4			6	7	46							
1885	39	20					†19	39							
1886	52	32				10		47	1	4	5				
1887	41	28					†13	41							
1888	54	33				9		48	4	2	6				
1889	42	26				3	1	35	2	4	1				
1890	52	36	5			3		4	4	4	7				
1891	58	33	4	2		11	1	51	1	4	2				
1892	56	28	3	5		4	3	44	8	4	12				
1893	68	48	2			6	2	60	3	4	1				
1894	70	43				9		57	5	2	13				
1895	75	38	5	6		12	2	63	5	4	10	1	1		2
1896	77	41	2	9		9	2	63	6	5	11	1	1	1	3
1897	69	46	1	1		11		60	6		1	7	1	1	2
1898	75	43	7	3		11	2	66	4	2	6	1	1	1	3
1899	84	51	5	6		6	6	74	4	5	9		1	1	1
1900	94	51	1	11		20		83	1	4	2	2	2		4
1901	99	57	1	14		20	3	95	1	1					
1902	99	55		15		17	1	88	7		9				
1903	156	77	8	18	1	41	2	147	2	6	8			1	1
1904	157	65		21	1	44	3	134	10	4	14	6		1	9
1905	199	80	59	11	1	32	3	186	5	6	12			1	1
1906	155	84	2	22		22	1	131	9	5	15	3	4	2	9
1907	165	84	4	29	1	25	2	145	6	8	14	4	4	2	6
1908	183	91	7	35	1	29	1	164	3	1	3	7	4		12
1909	213	84	44	30	2	29	1	190	5	4	10	3	8	2	13
1910	406	65	20	23	3	17	25	386	3	6	9	3	5	3	11
1911	157	80	8	40	1	10	4	143	5	2	8			3	5
1912	180	98	3	38	3	13	12	167	6	3	9			2	4
1913	175	81	10	50	6	10	5	162	5	4	10			2	3
1914	159	83	6	40	6	6	7	148	2	1	3			4	8
1915	180	57	68	27	2	9	12	175	1		2			2	
1916	165	80	12	43	4	13	1	153	4			2			8
1917	207	77	19	67	7	12	3	185		4	1	5	5		17
1918	259	100	27	70	13	20	4	234	8		18		4	3	7
1919	208	93	31	51	7	12	1	195	4	4	2	10		2	3
1920	181	91	7	41	14	9	5	167	8	2	10	1	2	1	4
1921	222	112	6	54	9	20	8	209	2	4	6	1	4	2	7
1922	159	71	15	29	8	17	7	147	2	1	3	6		5	6
1923	161	82	2	40	6	13	6	149	3	1	5		4	3	7
1924	184	76	40	37	5	10	8	176	2		2	4			4
1925*	183	89	5	46	12	11	9	172	1	2	3	3	3	2	8
1926	165	85	13	39	5	7	4	153	7	1	9	1	1	1	3
1927	106	44	17	18	5	5	8	97	3	1	4	2	2	1	5
1928	139	72	23	21	2	6	5	129	1	1	2	1	4	3	8
1929	109	52	8	24	5	6	5	100	1	2	3	2	2	2	6
1930	112	72	4	20	3	2	5	106		1	1	1	2	2	5
1931	90	54	2	15	6	2	5	84		4	4		1	1	2
1932	114	33	54	10		4	4	105					4	5	9
1933	71	45	1	12	3	3	3	67	3		3		1		1
1934	86	48		18	5	2	5	77				3		5	8
Average—53 years	129	61	11	22	3	12	10	118	3	3	6	1	2	1	4

* Sixty-nine men were drowned in the Braidwood mine disaster.

† Other causes not classified.

‡ From July 1, 1924, to December 31, 1925.

TABLE 50.—SHIPPING MINES IN WHICH FATALITIES OCCURRED—SHOWING NUMBER KILLED, OUTPUT OF MINES, NUMBER EMPLOYED, RATIO OF FATALITIES TO OUTPUT AND EMPLOYEES, METHOD OF MINING, UNDERGROUND HAULAGE, LOADING, ETC.

Operator.	Number of.			Tons mined to one fatality.	Em- ployees to one killed.	Mining.	Haulage.	Loading.	Lights.	Rock dust.
	Dis- trict.	Killed.	Tons mined.							
Bell & Zoller Coal & Mining Co., No. 1.	10	2	887,197	443,598	306	Machine	Motor	Machine	Closed	Yes
Bell & Zoller Coal & Mining Co., No. 2.	10	3	890,270	296,757	309	Machine	Motor	Both	Closed	Yes
Blue Bird Coal Co.	11	1	263,166	100	100	Strip mine		Strip mine		
Centralia Coal Co., No. 5.	9	1	230,876	219	219	Machine	Motor	Machine	Open	Yes
C. W. & F. Coal Co., No. 1.	10	2	579,235	289,617	542	Machine	Motor	Machine	Closed	Yes
C. W. & F. Coal Co., No. 2.	10	2	1,206,619	1,051	525	Machine	Both	Machine	Closed	Yes
Chicopee Coal Co.	7	1	49,964	49,964	111	Machine	Both	Hand	Open	No
City Lake Coal Co.	12	2	14,679	40	20	Slope mine		Slope mine		
Clarkson Coal & Mining Co.	9	1	79,068	104	104	Machine	Both	Hand	Open	No
Cosgrove-Meehan Coal Co., No. 1.	12	2	241,387	120,693	150	Both	Motor	Both	Closed	Yes
Crescent Mining Co., No. 6.	2	1	785,092	567	567	Machine	Both	Hand	Open	No
Franklin County Coal Co., No. 5.	10	1	391,819	391,819	571	Machine	Both	Both	Closed	No
Franklin County Coal Co., No. 7.	10	2	519,146	551	259	Machine	Both	Both	Closed	No
Freeman Coal Mining Co.	12	1	102,968	276	102	Machine	Both	Both	Open	No
Galesburg Mining Co.	3	1	311,751	295	295	Both	Both	Hand	Open	No
Golden Rule Coal Co.	8	1	74,056	66	66	Hand	Both	Hand	Open	No
Groom Coal Co.	8	1	90,939	90,939	106	Both	Both	Hand	Open	No
Indiana-Illinois Coal Corp., No. 10.	6	1	358,912	565	565	Machine	Motor	Machine	Open	No
Lake Erie Mining Co.	2	1	178,751	212	178,751	Machine	Both	Hand	Open	No
Lumaichi Coal Co., No. 2.	7	1	379,006	366	366	Machine	Both	Both	Open	No
Macon County Coal Co.	5	1	164,401	332	164,401	Machine	Both	Hand	Open	No
Madison County Coal & Mining Co.	7	1	110,797	203	110,797	Machine	Motor	Hand	Open	No
Midland Electric Coal Co., No. 1.	3	1	489,968	120	489,968	Strip mine		Strip mine		
Midland Electric Coal Co., No. 2.	1	1	433,729	148	433,729	Strip mine		Strip mine		
Moffat Coal Co.	9	1	251,433	400	251,433	Machine	Both	Hand	Open	No
Mr. Olive & Staunton Coal Co., No. 2.	7	3	584,226	550	194,742	Machine	Both	Both	Open	Yes
Old Ben Coal Corp., No. 8.	10	1	688,555	545	688,555	Machine	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 15.	10	2	680,711	508	340,355	Machine	Motor	Machine	Closed	Yes
Old Ben Coal Corp., No. 18.	12	2	445,978	551	222,989	Machine	Motor	Machine	Open	Yes
Panther Creek Mines, No. 4.	4	2	260,979	416	130,489	Hand	Both	Hand	Open	No
Peabody Coal Co., No. 7.	4	2	986,122	493	493	Machine	Motor	Machine	Open	Yes
Peabody Coal Co., No. 8.	4	2	864,806	535	432,403	Machine	Motor	Both	Open	Yes
Peabody Coal Co., No. 9.	4	2	1,016,754	507	508,377	Machine	Motor	Machine	Open	Yes

TABLE 51—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED, AND PER 1,000,000 TONS MINED—1882-1934. INJURIES INVOLVING A LOSS OF 30 OR MORE DAYS TIME.

Year.	Tons mined.	Number employed.	Accidents.		Tons mined to one man.		Accidents.			
			Fatal.	Non-fatal.	Killed.	Injured.	Per 1,000 employed.		Per 1,000,000 tons mined.	
							Fatal.	Non-fatal.	Fatal.	Non-fatal.
1882	9,115,061	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,375	46	197	219,587	51,274	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	66,611	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	54,073	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	57,105	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	28,574	53	294	238,460	42,988	1.9	10.3	4.2	23.4
1891	15,660,698	32,951	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,576	33,632	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	35,390	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	287,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,599,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,929	39,384	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901	26,685,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,944	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,283	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907	47,798,621	66,714	165	636	269,689	75,155	2.5	9.5	3.5	13.3
1908	49,272,436	70,841	183	819	269,248	60,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,998	2.9	12.3	4.3	18.2
1910	48,717,853	74,634	406	742	119,995	65,657	5.4	9.9	8.3	15.2
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	79,411	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	79,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16.2
1914	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6
1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918	89,979,469	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,099,784	90,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	98,090	159	3,879	397,962	16,315	1.6	39.5	2.5	61.3
1923	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	47.9
1924	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	46.0
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,536	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,649	482,456	32,768	2.0	29.4	2.1	30.5
1931	45,152,623	53,550	90	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,756	51,554	114	951	299,305	35,879	2.2	18.4	3.3	27.9
1933	38,320,125	48,464	71	1,197	539,720	32,013	1.5	24.6	1.9	31.5
1934	41,724,078	49,499	86	1,112	485,164	37,522	1.8	22.7	2.1	26.6
Average—53 years.	41,529,419	57,291	129	1,216	321,886	34,152	2.3	21.4	3.1	29.3

TABLE 52—ILLINOIS FATALITIES COMPARED WITH THAT OF THE UNITED STATES AS A WHOLE—1911 TO 1934, INCLUSIVE.

Year.	Number killed.		Deaths per 1,000,000 tons.		Tons mined per fatality.	
	Illinois.	United States.	Illinois.	United States.	Illinois.	United States.
1911.....	157	2,656	3.1	5.35	319,523	186,887
1912.....	180	2,419	3.1	4.53	315,524	220,945
1913.....	175	2,785	2.8	4.89	353,407	204,685
1914.....	159	2,454	2.6	4.78	381,860	209,261
1915.....	180	2,269	3.1	4.27	320,009	234,297
1916.....	165	2,226	2.6	3.77	385,900	265,094
1917.....	207	2,696	2.6	4.14	381,565	241,618
1918.....	250	2,580	2.9	3.80	347,411	262,873
1919.....	209	2,323	2.8	4.19	361,057	258,464
1920.....	181	2,272	2.4	3.45	408,401	289,729
1921.....	222	1,995	2.8	3.94	360,910	253,832
1922.....	150	1,984	2.5	4.16	307,962	240,399
1923.....	161	2,462	2.1	3.74	469,032	267,223
1924.....	184	2,402	2.5	4.20	392,982	237,974
1925.....	183	2,234	1.8	3.84	563,859	260,461
1926.....	165	2,518	2.4	3.83	423,111	261,241
1927.....	106	2,231	2.3	3.73	442,922	267,978
1928.....	139	2,176	2.5	3.78	404,396	264,749
1929.....	109	2,187	1.8	3.59	560,800	278,380
1930.....	112	2,014	2.1	3.79	482,456	263,869
1931.....	90	1,430	2.1	3.27	501,096	296,000
1932.....	114	923	3.3	3.02	299,305	331,167
1933.....	71	833	1.9	2.5	539,729	400,517
1934.....	86	-----	2.1	-----	321,886	-----

VALIER COAL COMPANY

AWARDED

JOSEPH A. HOLMES SAFETY ASSOCIATION

CERTIFICATE FOR ITS OUTSTANDING SAFETY RECORD DURING THE YEAR 1934.

The 1934 accident frequency rate of Valier per million man-hours worked during 1934 was 29.86 and the severity rate 21.90.

The Department takes pleasure in according honorable mention here to the above award and extends to the official family and all employees of Valier Coal Company its sincere congratulations. The Holmes Safety Award is a well deserved tribute to an organization whose interest in safety work has been outstanding. Records in the Department indicate that in 1927 Valier Coal Company worked 814,558 man-hours, producing 602,304 tons of coal. During this time they had 204 lost time accidents, with a frequency rate of 250.4. In 1933 they worked 554,882 man-hours, producing 725,606 tons of coal, had 59 lost-time accidents, with a frequency rate of 106.32. In 1934 the mine worked five of the twelve months, i. e., January, May, October, November and December without a lost-time accident and during this five-month period worked 262,386 man-hours, producing 382,250 tons of coal. The last lost-time accident at Valier mine occurred September 12, 1934, and between that date and January 1st, 1935, the mine worked a total of 194,617 man-hours and produced 286,429 tons of coal. Since the last lost-time accident on the surface, November, 1933, the employees on the surface have worked 127,238 man-hours, during which time the mine produced 949,054 tons of coal. Prior to January 1st, 1935, the last lost-time accident on the night shift occurred in October, 1933, during which time 112,643 man-hours have been worked and 1,034,082 tons of coal were produced.

TABLE 53—NON-FATAL ACCIDENTS BY DISTRICTS AND MONTHS, 1934.

District.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Monthly tabulation.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
First District—										
Shipping—	158	20	3,546	26	106	1,546	15	32	January—	345
Local—	58	7	1,369	27	38	569	15	13	Shipping—	18
Second District—										
Shipping—	134	21	4,688	41	49	712	15	64	February—	276
Local—	20	8	263	22	9	107	12	3	Shipping—	20
Third District—										
Shipping—	92	9	2,489	31	51	769	15	32	March—	349
Local—	8	—	366	46	2	18	9	6	Shipping—	25
Fourth District—										
Shipping—	480	66	13,439	32	231	3,416	15	183	April—	193
Local—	25	5	476	24	13	197	15	7	Shipping—	4
Fifth District—										
Shipping—	226	29	7,326	37	106	1,817	17	91	May—	163
Local—	21	1	417	21	14	203	15	6	Shipping—	5
Sixth District—										
Shipping—	313	43	10,968	41	130	2,010	15	140	June—	163
Local—	13	2	284	26	9	169	19	2	Shipping—	6
Seventh District—										
Shipping—	169	25	4,552	32	94	1,589	17	50	July—	174
Local—	26	1	592	24	21	341	16	4	Shipping—	6
Eighth District—										
Shipping—	135	15	4,834	41	64	1,059	17	56	August—	203
Local—	31	—	729	24	21	331	15	10	Shipping—	13
Ninth District—										
Shipping—	171	20	4,343	29	98	1,545	16	53	September—	203
Local—	2	—	17	8	2	17	9	—	Shipping—	23
Tenth District—										
Shipping—	578	90	15,882	33	305	5,016	16	183	October—	254
Local—	—	—	—	—	—	—	—	—	Shipping—	22
Eleventh District—										
Shipping—	320	51	10,103	38	142	2,155	15	127	November—	294
Local—	6	3	87	29	2	31	16	1	Shipping—	32

[illegible]

(a) Includes 41 accidents not reported by month in which they occurred.

TABLE 54—SUMMARY—TOTAL TONNAGE AND GRADED OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Number of—			Totals tons produced.	Graded output in tons.								
	Coun-tries.	Mines oper-ated.	Mines in district.		Lump.	Furnace.	Small egg.	Stove.	Chest-nut.	Pea.	Carbon.	Screen-ings.	Mine-run.	Waste and loss in preparing.
First.	4	7	7	207,968	231,291	276,076	73,398	141,355	35,160	2,098	629,185	164,384	16,223
Second.	3	8	4	293,749	141,203	13,086	11,534	22,016	729	—	290,518	880,008	9,112
Third.	3	15	13	1,838,159	334,944	346,596	88,928	32,016	6,474	19,038	536,445	257,579	17,841
Fourth.	2	16	11	7,056,629	1,478,253	418,821	153,553	22,016	19,494	26,337	2,796,533	311,937	15,811
Fifth.	2	7	9	1,840,005	181,657	98,980	61,706	32,266	31,691	52,283	691,271	593,021	378
Sixth.	3	11	6	3,921,804	323,973	79,359	33,358	25,305	11,932	40,685	612,522	331,267	43,041
Seventh.	3	10	3	1,663,887	362,356	206,689	103,691	19,772	13,713	8,505	796,998	216,840	17,157
Eighth.	2	25	5	599,011	410,326	397,328	169,981	50,498	33,342	38,046	1,659,948	58,925	5,026
Ninth.	4	31	21	3,249,945	659,019	399,721	350,489	265,119	105,048	592,676	2,798,194	935,316	258,326
Tenth.	1	15	10	7,780,162	1,404,093	781,297	137,110	102,806	40,829	69,085	839,731	247,494	28,585
Eleventh.	2	9	7	2,731,693	485,867	385,716	58,226	11,651	16,463	59,882	752,590	241,762	61,352
Twelfth.	1	18	7	294,115	275,359	217,752	1,340,790	708,569	314,875	906,235	12,941,084	5,232,511	540,671
Total.	29	172	54	7,050,730	6,288,941	3,331,721	1,340,790	708,569	314,875	906,235	12,941,084	5,232,511	25,646
Local mines.	49	1,175	1,175	—	—	—	—	—	—	—	—	3,042,905	—
All mines.	58	1,347	54	7,050,730	6,288,941	3,331,721	1,340,790	708,569	314,875	906,235	12,941,084	8,275,416	565,717

TABLE 55.—SUMMARY—DISPOSITION OF OUTPUT OF SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Total tons mined.	Disposition of output—					Tons disposed of otherwise.	Per cent of tonnage—			
		Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.	Tons consumed at the mine, including waste.		Handled by railroads.	Sold to local trade.	Consumed at the mine.	Not sold and waste.
First.....	1,777,138	1,250,046	252,069	721	246,269	9,920	274,302	84.6	13.8	0.6	1.0
Second.....	1,568,369	983,760	-----	-----	207,330	7,100	210,621	86.0	13.2	0.5	0.3
Third.....	1,838,159	1,163,173	329,734	-----	118,494	9,517	145,232	92.1	6.5	0.5	0.9
Fourth.....	6,056,629	4,592,179	1,019,055	18,276	360,834	45,484	427,089	92.9	6.0	0.8	0.3
Fifth.....	1,840,005	1,135,827	2,518,435	2,206	172,730	10,414	183,522	90.0	9.4	0.6	-----
Sixth.....	3,921,804	1,064,764	2,569,435	2,008	122,912	118,801	285,591	92.7	3.2	3.0	1.1
Seventh.....	1,663,887	1,244,443	146,453	-----	173,634	62,019	1,390,896	83.6	10.4	3.8	2.2
Eighth.....	2,328,014	1,075,850	265,955	24,752	825,482	73,307	272,991	58.7	35.5	3.1	2.7
Ninth.....	5,249,945	2,724,172	2,095,999	51,868	234,631	70,002	961,457	92.8	4.5	1.3	1.4
Tenth.....	7,780,162	4,728,061	2,556,922	-----	88,686	110,213	377,906	93.7	1.1	1.4	3.8
Eleventh.....	2,731,693	2,029,660	541,086	-----	76,709	29,835	160,947	94.1	2.8	2.0	1.1
Twelfth.....	1,899,152	1,171,294	605,605	-----	40,608	42,972	122,253	93.6	2.1	2.3	2.0
Total.....	38,655,527	22,545,627	12,084,553	99,831	2,668,299	615,172	3,925,516	89.8	6.9	1.6	1.7
Local mines.....	3,068,551	-----	-----	-----	2,938,021	84,584	3,068,551	-----	96.4	2.8	0.8
All mines.....	41,724,078	22,545,627	12,084,553	99,831	5,626,320	700,056	6,994,067	83.2	13.5	1.7	1.6

TABLE 56—SUMMARY—MECHANICAL LOADING MACHINES, METHODS OF LOADING, ACCIDENTS, RATIOS AND PROPORTIONS
—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Mechanical loaders.		Tons loaded.				Percent of tons loaded.		Accidents.		Employees to one—		Tons mined to one—		To 1,000 employees.		To 1,000,000 tons mined.			
	Loading machines.	Conveyors.	Total.	Mechanically.	By hand.	Strip mines.	Mechanically.	By hand.	Strip mines.	Fatal.	Non-fatal.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.			
First.	1				325,655	1,451,483			18.3	81.7	2	158	705	8.9	888,569	11,248	1.4	112.1	1.1	88.9
Second.					1,568,939				100.0		2	134	927	13.7	754,470	11,709	1.1	72.3	1.3	85.4
Third.					689,456				0.2	62.3	2	92	739	16.1	919,080	19,980	1.4	62.2	1.1	50.1
Fourth.	50	205	1	4,000	1,706,839				71.8	28.2	10	480	573	12.0	605,603	12,018	1.7	83.8	1.7	79.3
Fifth.	22	445	46	3,653	1,235,553	36,203			30.9	67.1	7	226	369	11.4	262,858	8,142	2.7	87.4	3.8	122.8
Sixth.	10	41	17	2,088	208,136				93.2	6.8	4	313	1,059	13.5	980,451	12,530	0.9	73.9	1.0	79.8
Seventh.	16	41	49	1,142	493,259	28,109			68.7	29.6	6	169	380	13.5	277,315	9,846	2.6	74.3	3.6	101.6
Eighth.	25	24	49	1,740	1,587,226	318			31.8	68.2	4	135	742	22.0	582,004	17,245	1.3	45.5	1.2	58.0
Ninth.	27	23	52	1,216	1,072,580	2,960,608			23.2	20.4	4	171	991	23.2	1,312,486	30,701	1.0	43.1	0.8	32.6
Tenth.	109	383	492	3,365	2,414,568				69.0	30.0	20	578	420	14.5	389,008	13,400	2.4	68.8	2.6	74.3
Eleventh.	2	29	31	323	2,145,386	263,166			11.9	78.5	4	320	953	11.9	682,923	8,537	1.0	83.9	1.5	117.1
Twelfth.	14	155	169	1,255	539,538	123,028			65.1	28.4	7	141	318	15.8	271,307	13,469	3.1	63.4	3.7	74.2
Total.	281	1,340	1,621	18,600	174	6,008,218			48.1	36.3	72	2,917	569	14.0	536,882	13,252	1.8	71.2	1.9	75.5
Local mines.						214,026			93.0	7.0	14	216	611	39.6	219,182	14,206	1.6	25.2	4.6	70.4
All mines.	281	1,340	1,621	18,600	174	6,222,244			44.6	40.5	86	3,133	576	15.8	485,104	13,318	1.7	63.3	2.1	75.1

TABLE 57—SUMMARY—EMPLOYEES, TIME WORKED, EXPLOSIVES USED, MINING MACHINES, METHODS OF MINING, HAULAGE, NUMBER OF MOTORS AND MULES USED—SHIPPING MINES BY DISTRICTS AND LOCAL MINES FOR THE STATE.

District.	Employees.			Aver- age days worked.	Explosives used in blasting coal.					Number of mining machines used.	Tons mined by—			Haulage.	
	Under- ground.	On surface.	Total.		Powder, kegs.	Pellet powder, pounds.	Dyna- mite, pounds.	Per- missibles, pounds.	Hand.		Machine.	Stripping.	Motors, number.	Mules, number.	
First.....	920	490	1,410	180	8,177	28,100	2,475	---	5	200,542	125,113	1,451,483	4	98	
Second.....	1,712	142	1,854	181	4,107	350,450	---	---	69	153,750	1,415,189	---	26	150	
Third.....	1,029	449	1,478	175	10,178	108,317	2,085	25,350	45	74,417	619,039	1,144,703	19	113	
Fourth.....	4,813	917	5,730	160	59,139	2,917,375	---	---	69	1,495,901	4,560,728	---	146	263	
Fifth.....	2,285	300	2,585	151	1,813	234,525	49,350	29,500	67	9,818	1,793,954	36,203	31	89	
Sixth.....	3,742	493	4,235	162	2,452	124,121	---	34,000	65	---	3,921,804	---	123	59	
Seventh.....	1,931	344	2,275	126	6,545	92,750	25	46,125	60	16,190	1,619,588	28,109	48	85	
Eighth.....	2,552	415	2,967	147	77,689	246,500	---	2,750	56	1,048,845	1,278,851	318	62	166	
Ninth.....	2,575	1,390	3,965	124	13,849	275,175	44,390	203,250	105	139,878	2,149,459	2,960,608	75	127	
Tenth.....	6,908	1,499	8,407	130	---	---	---	725,275	279	---	7,780,162	---	376	179	
Eleventh.....	3,279	533	3,812	144	79	110,700	66	169,180	164	---	2,468,527	263,166	172	133	
Twelfth.....	1,750	475	2,225	143	4,494	134,150	200	145,050	58	112,866	1,662,658	123,628	74	52	
Total.....	33,496	7,447	40,943	147	188,522	4,622,163	99,541	1,873,630	1,042	3,252,207	29,395,102	6,008,218	1,156	1,414	
Local mines.....	6,844	1,712	8,556	118	100,642	142,443	165	3,750	107	1,729,867	1,124,698	214,026	---	---	
All mines.....	40,340	9,159	49,499	122	289,164	4,764,606	99,706	1,877,380	1,149	4,982,074	30,519,760	6,222,244	1,156	1,414	

TABLE 58—SUMMARY OF PHYSICAL AND MECHANICAL CHARACTERISTICS OF SHIPPING MINES BY DISTRICTS.

District.	Num- ber of mines.	Kind of opening.			Manner of working.		Haulage.		Hoisting.		Loading.		Mining by.			Number of mines using—					
		Shaft.	Slope.	Drift.	Strip.	Pillar and room.	Long wall.	Motor only.	Mule only.	Motor and mule.	Steam.	Electric.	Machine only.	Hand only.	Machine and hand.	Open lights.	Closed lights.	Rock dust.			
First.....	7	4			3	1	3		1	3	1	3			1		4				
Second.....	8	4	3	1		6	2			3	2	3		2	1	1	8				
Third.....	15	8	2		5	10			3	7	3	5		3	3	1	10				
Fourth.....	16	16				16		4		12	9	7	7	7	1	16		8			
Fifth.....	7	3	2		2	35	a1			3	2	3		3	2	5					
Sixth.....	11	11				11		3	2	8	9	2	7			11					
Seventh.....	10	9			1	9		2	1	6	9			1	1	9		1			
Eighth.....	25	22	1	1	1	24		1	1	22	21	3	4	8	15	1	24	1			
Ninth.....	31	22	1		8	23		2	12	9	19	4	3	19	1	10	2	3			
Tenth.....	15	15				15		11	4	4	11	4	7	4	4	15	b2	15			
Eleventh.....	9	8			1	8		3	5	5	8		1			2	15	12			
Twelfth.....	18	7	5	1	5	12	1	3	5	5	6	6	2	5	2	12	1	2			
Total.....	172	129	14	3	26	a140	a7	29	25	92	c103	43	31	99	16	88	44	14	137	20	29

(a) One mine uses both pillar and room and long wall manner of working.

(b) One mine uses both open and closed lights.

(c) Three mines use gas engines for hoisting.

REPORTS OF STATE INSPECTORS.

FIRST DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the First Inspection District, comprising the coal producing counties of Bureau, Grundy, Henry, LaSalle, Livingston, Mercer, Putnam, Rock Island and Will, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	9	9	9	9	10
Number of shipping mines.....	7	6	5	6	9
Number of local mines.....	197	137	108	94	76
Number of employees underground.....	2,261	1,963	2,061	1,497	1,754
Number of employees on surface.....	1,100	744	471	572	532
Total number employed.....	3,361	2,707	2,532	2,069	2,286
Tons of coal produced in shipping mines.....	1,777,138	1,891,521	1,867,943	1,868,765	1,542,913
Tons of coal produced in local mines.....	576,731	540,541	513,222	349,050	338,068
Tons of coal produced, total.....	2,353,869	2,432,062	2,381,165	2,217,815	1,880,981
Days operated, shipping mines, average.....	180	204	231	182	175
Days operated, local mines, average.....	111	132	133	125	141
Number of undercutting machines.....	20	23	19	17	29
Tons undercut.....	298,683	333,886	324,700	227,386	200,992
Tons mined by hand.....	496,082	517,249	421,149	326,924	415,590
Tons mined in strip mines.....	1,559,104	1,550,927	1,635,316	1,663,505	1,264,399
Number of loading machines used.....					3
Tons loaded mechanically.....					5,234
Number of fatal accidents.....	9	3	6	2	9
Number of non-fatal accidents.....	216	154	162	131	124
Number of employees to each fatality.....	373	906	422	1,034	254
Number employed to each non-fatal accident.....	14.6	17.6	15.6	15.8	18.4
Tons of coal mined to each fatality.....	261,541	810,687	396,861	1,108,902	208,998
Tons mined to each non-fatal accident.....	10,898	15,792	14,700	16,930	15,170
Number of fatalities per 1,000 employed.....	2.7	1.1	2.37	1.0	3.9
Number injured per 1,000 employed.....	64.3	56.7	64.0	63.3	54.2

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	9	61	1,468,025	359,636	1,368	627	179	134	4	249	456,915
1930.....	9	76	1,542,913	338,068	1,440	846	147	141	9	124	208,998
1931.....	6	94	1,868,765	349,050	1,003	1,066	182	125	2	131	1,108,902
1932.....	5	108	1,867,943	513,222	1,086	1,446	231	133	6	162	396,861
1933.....	6	137	1,891,521	540,541	1,308	1,399	204	132	3	154	810,657
Average for 5 years.	7	95	1,707,833	420,103	1,241	1,076	183	133	5	164	443,320
1934.....	7	197	1,777,138	576,731	1,410	1,951	180	111	9	216	261,541
Gain (+) or loss (—), 1934 over previous 5 years.....		+102	+69,305	+156,628	+169	+875	—3	—22	+4	+52	181,779

NEW MINES.

Buffalo Rock Coal Co., Ottawa, LaSalle County, Illinois.

FATAL ACCIDENTS.

January 9, Tony Udot, miner, age 49 years, married, was killed by a fall of rock in a local mine operated by himself. He leaves a widow.

January 15, Luther Waggener, miner, age 25 years, married, was killed in the mine of A. C. Waggener Coal Co. by fall of roof. He leaves a widow and two children.

January 18, Joseph Kandora, miner, age 65 years, single, was killed by pit cars in Matthiessen & Hegeler Zinc Company's mine.

February 1, Able Pugh, miner, age 63 years, married, was killed in Ward & Pugh's Strip mine, by a slide of earth and slate. He leaves a widow.

May 16, Clifford E. Ensminger, blacksmith, age 44 years, married, was caught in crusher rollers and killed in Midland Electric Coal Company's mine. He leaves a widow and three children.

October 1, Isaac Hulslander, miner, age 53 years, widower, died as a result of injuries received from a fall of rock on September 29 in the Pollock Coal Mine. He leaves one dependent child.

October 24, Robert Armstrong, miner, age 56 years, married, was killed by a fall of rock in the mine of the Streator Union Coal Co. He leaves a widow and two dependent children.

November 8, Alfred Hall, miner, age 56 years, widower, was killed by a fall of rock at the face of the Little Smoke Mine of George W. Roberts.

November 21, Dominic Muzzarelli, miner, age 61 years, married, was killed by coming in contact with a bare spot in a power line which had fallen from a bracket that had broken the night before at the mine of the Prairie State Coal Co. He leaves a widow and one dependent child.

Respectfully submitted,

JOSEPH B. CASASSA, *Inspector.*

FATAL ACCIDENTS, FIRST DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 9	Jan. 9	Tony Udot.	49	Miner.	Ottawa.	Tony Udot.		1	1	1	1	1	1 Fall of rock.
Jan. 15	Jan. 15	Luther Waggner.	25	Miner.	Ottawa.	A. C. Waggner Coal Co.		1	1	1	2	3	3 Fall of roof.
Jan. 18	Jan. 18	Joseph Kandora.	65	Miner.	LaSalle.	Matthiessen & Hegeler Zinc Co.		1	1	1	1	1	1 Pit cars.
Feb. 1	Feb. 1	Able Pugh.	63	Miner.	Streator.	Ward & Pugh.		1	1	1	1	1	1 Slide of earth and slate.
May 16	May 16	Clifford E. Ensminger.	44	Blacksmith.	Geneseo.	Midland Electric Coal Co.	1	1	1	1	3	4	4 Caught in crusher rollers.
Sept. 29	Oct. 1	Isaac Hulslander.	53	Miner.	Arkinson.	Pollock Coal Mine.		1	1	1	1	1	1 Fall of rock.
Oct. 24	Oct. 24	Robert Armstrong.	56	Miner.	Streator.	Streator Union Coal Co.		1	1	1	2	3	3 Fall of rock.
Nov. 8	Nov. 8	Alfred Hall.	56	Miner.	Coal Valley.	George W. Roberts.		1	1	1	1	1	1 Fall of rock.
Nov. 21	Nov. 21	Dominic Muzzarelli.	61	Miner.	Graenville.	Prairie State Coal Co.		1	1	1	1	2	2 Electrocuted.

NON-FATAL ACCIDENTS, FIRST DISTRICT.

Name of operator.	Number injured.	Number not re- turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.		
			Total.	Average.	Number injured.	Days lost.		Number injured.		Days lost.	
						Total.	Average.			Total.	Average.
Illinois Zinc Co.	13	4	393	44	7	111	16	282	141	January	
Midland Electric Coal Corp., No. 1	7	3	49	12	4	49	12	5	60	February	
Northern Illinois Coal Corp., No. 10	10		348	35	5	48	10	300	26	March	
Prairie State Coal Co.	43	9	569	17	29	390	13	179	5	April	
Shuler Coal Mining Co.	15	2	270	21	11	157	14	113	57	May	
Union Coal Co.	70	2	1,917	28	56	791	16	1,126	63	June	
Shipping mines.	158	20	3,546	26	106	1,546	15	2,000	63	July	
Local mines.	58	7	1,369	27	38	569	15	800	62	August	
										September	
										October	
										November	
										December	
										41	
Total	216	27	4,915	26	144	2,115	15	2,800	62	Total	
										22	
										24	
										26	
										5	
										5	
										11	
										6	
										10	
										5	
										16	
										14	
										32	
										41	
										216	

* Includes 4 accidents not reported by month in which they occurred.

BUREAU COUNTY

Number	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Cherry Coal Co.	Cherry	12,378				10,158
2	Jones & Brewer	Sheffield	3,800				3,800
3	Mapes Coal Co.	Mineral	3,800				3,775
4	Spring Valley Coal Mining Co	Spring Valley	2,681				1,357
5	Joe E. Clark	Mineral	1,955				1,955
6	Gilbert Pollock	Sheffield	1,869				1,869
7	Carlson Coal Co.	Mineral	1,449				1,429
8	L. F. Brandt	Mineral	1,400				1,400
9	Rocky Run Coal Co.	Tiskilwa	1,270				1,200
10	Lamb & Pollock	Sheffield	640				640
11	Chas. Hotchkiss & Son	Sheffield	258				258
12	Pilson & Inch	Sheffield	201				201
13	W. G. Thomas & Sons	Sheffield	150				150
13 local mines total			31,851				28,192

GRUNDY COUNTY

LOCAL MINES.							
1	Morris Coal & Mining Co.	Morris	54,385				54,375
2	Verona Coal Co.	Verona	46,195				46,195
3	Skinner Coal Co.	South Wilmington	30,402				29,237
4	Schramm Bros	Coal City	2,904				2,864
5	Robert Condon	Morris	2,364				2,364
6	Goose Lake Coal Co.	Coal City	1,324				1,320
7	Peart & Nicolson	Coal City	881				876
7 local mines total			138,455				137,231

HENRY COUNTY

SHIPPING MINES.							
1	Midland Electric Coal Corp., No. 1	Atkinson	489,968	448,258	20,078	21	11,303
2	Shuler Coal Mining Co.	Alpha	69,649	53,904	2,192		13,082
2 shipping mines total			559,617	502,162	22,270	21	24,385
LOCAL MINES.							
1	Valley View Coal Co.	Coal Valley	36,606				36,402
2	Warner Coal Co.	Orion	25,401				25,401
3	Black Hawk Coal Co.	Coal Valley	7,289				7,278
4	Quality Coal Mine	Geneseo	7,131				6,492
5	Good Luck Coal Co.	Kewanee	4,380				4,250
6	Wm. T. Lamb & Son	Kewanee	3,440				3,440
7	Bates & Price	Kewanee	2,893				2,893
8	North Coal Co.	Kewanee	2,588				2,388
9	North East Coal Co.	Kewanee	2,309				2,229
10	Kewanee Coal Co.	Kewanee	2,120				2,000
11	Crescent Coal Co.	Kewanee	2,039				1,820
12	Roy McDaniel	Kewanee	2,000				1,975
13	Mineral Creek Coal Co.	Moline	1,304				1,304

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,220		27	220	200				1		12,378				1
		12	200	180							3,800			2
25		13	150								3,800			3
1,324		111	30								2,681			4
		12	210								1,955			5
		7	300	60							1,869			6
20		9	185								1,449			7
		9	90								1,400			8
70		7	90									1,270		9
		4	140								640			10
		6	130								258			11
		1	150									201		12
		3	50									150		13
3,659		221	150	440				1		12,378	17,852	1,621		

FIRST DISTRICT.

10		27	250		7,500							54,385		1
		62	202		7,250			3		46,195				2
1,165		118	173	66							30,402			3
40		11	141								2,904			4
		8	175								2,364			5
4		11	60								1,324			6
5		7	69								881			7
1,224		244	153	66	14,750			3		46,195	37,875	54,385		

FIRST DISTRICT.

5,409	4,899	120	279	2,380		2,475						489,968		1
149	322	138	150	5,797							69,649		12	2
5,558	5,221	258	215	8,177		2,475					69,649	489,968		12
204		58	204	1,665			1		16,406		20,200			1
		68	172	2,112							25,401			2
11		16	197	454							7,289			3
639		14	235	538							7,131			4
130		13	241								4,380			5
		10	140								3,440			6
		11	165								2,893			7
200		9	160								2,588			8
80		10	156								2,309			9
120		15	103				1		2,120					10
219		7	240								2,039			11
25		6	130								2,000			12
		4	215	76							1,304			13

HENRY COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
14	Black Diamond Coal Co.....	Kewanee.....	990	-----	-----	-----	990
15	Pony Coal Co.....	Coal Valley.....	600	-----	-----	-----	600
16	Black Hawk Coal Co.....	Kewanee.....	532	-----	-----	-----	532
17	Pettit & Head Coal Co.....	Kewanee.....	483	-----	-----	-----	483
18	Munson Coal Co., No. 2.....	Geneseo.....	478	-----	-----	-----	478
19	Abb Hodgett.....	Kewanee.....	392	-----	-----	-----	352
20	Munson Coal Co., No. 1.....	Geneseo.....	354	-----	-----	-----	384
21	Standard Coal Co.....	Kewanee.....	363	-----	-----	-----	363
22	Sunnyside Coal Co., No. 2.....	Coal Valley.....	240	-----	-----	-----	240
23	Mud Creek Cooperative Coal Co.....	Kewanee.....	225	-----	-----	-----	129
24	Radeliffe Fuel Co.....	Kewanee.....	210	-----	-----	-----	210
25	M. J. Anderson.....	Galva.....	200	-----	-----	-----	200
26	Square Deal Coal Co.....	Kewanee.....	130	-----	-----	-----	130
27	Hayes & Allison.....	Kewanee.....	129	-----	-----	-----	129
28	Toteno Coal Co.....	Kewanee.....	115	-----	-----	-----	115
29	Bennett & Crist.....	Geneseo.....	100	-----	-----	-----	100
30	Black Fox Coal Co.....	Carbon Cliff.....	50	-----	-----	-----	50
31	Frank Milan.....	Geneseo.....	50	-----	-----	-----	50
32	Sunnyside Coal Co., No. 1.....	Coal Valley.....	45	-----	-----	-----	45
33	Briar Bluff Mine.....	Geneseo.....	25	-----	-----	-----	25
33 local mines total.....			105,241	-----	-----	-----	103,477
35 all mines total.....			664,858	502,162	22,270	21	127,862

LA SALLE COUNTY

SHIPPING MINES.						
1	Union Coal Co.....	Peru.....	136,184	60,099	-----	75,848
2	Illinois Zinc Co., No. 3.....	Peru.....	38,909	14,472	-----	24,137
3	Buffalo Rock Coal Co.....	Ottawa.....	14,714	5,080	141	8,607
3 shipping mines total.....			189,807	79,651	141	108,592
LOCAL MINES.						
1	Matthiessen & Hegeler Zinc Co.....	LaSalle.....	66,070	-----	-----	66,070
2	French Coal Co.....	Streator.....	17,281	-----	-----	17,281
3	Fletcher-Smith Coal Co.....	Ottawa.....	6,227	-----	-----	6,027
4	Alex McLean.....	Ottawa.....	4,500	-----	-----	4,280
5	Marseilles & Ottawa Coal Co.....	Marseilles.....	4,450	-----	-----	4,010
6	Starved Rock Coal & Mining Co.....	Utica.....	4,040	-----	-----	4,040
7	Streator Union Coal Co.....	Streator.....	2,828	-----	-----	2,796
8	Chicago Retort & Fire Brick Co.....	Ottawa.....	2,280	-----	-----	2,280
9	Proudfoot & Davis.....	Streator.....	2,000	-----	-----	2,000
10	Congress Construction Co.....	Marseilles.....	1,500	-----	-----	1,500
11	Munts Coal Co.....	Streator.....	1,432	-----	-----	1,432
12	Stevenson & Myers.....	Ottawa.....	1,250	-----	-----	1,200
13	Marseilles Strip Mine.....	Marseilles.....	1,203	-----	-----	1,203
14	Mitchell & Brown.....	Streator.....	1,081	-----	-----	1,081
15	East Ottawa Relief Mines.....	Ottawa.....	1,000	-----	-----	1,000
16	Blue Eagle Coal Co.....	Streator.....	987	-----	-----	987
17	Andrew Kollar.....	Streator.....	891	-----	-----	891
18	Point Rock Coal Co.....	Cedar Point.....	600	-----	-----	600
19	Ray Bros.....	Streator.....	564	-----	-----	564

FIRST DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	12	222	100	-----	-----	-----	-----	-----	-----	990	-----	-----	14
-----	-----	3	100	35	-----	-----	-----	-----	-----	-----	600	-----	-----	15
-----	-----	5	85	-----	-----	-----	-----	-----	-----	-----	532	-----	-----	16
-----	-----	6	77	-----	-----	-----	-----	-----	-----	-----	483	-----	-----	17
-----	-----	5	80	48	-----	-----	-----	-----	-----	-----	478	-----	-----	18
40	-----	4	80	-----	-----	-----	-----	-----	-----	-----	392	-----	-----	19
-----	-----	9	48	25	-----	-----	-----	-----	-----	-----	384	-----	-----	20
-----	-----	5	56	-----	-----	-----	-----	-----	-----	-----	363	-----	-----	21
-----	-----	2	120	40	-----	-----	-----	-----	-----	-----	240	-----	-----	22
-----	-----	7	16	-----	-----	-----	-----	-----	-----	-----	225	-----	-----	23
96	-----	4	35	-----	-----	-----	-----	-----	-----	-----	210	-----	-----	24
-----	-----	5	60	-----	-----	-----	-----	-----	-----	-----	200	-----	-----	25
-----	-----	5	100	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	26
-----	-----	5	55	-----	-----	-----	-----	-----	-----	-----	129	-----	-----	27
-----	-----	3	166	-----	-----	-----	-----	-----	-----	-----	115	-----	-----	28
-----	-----	2	100	3	-----	-----	-----	-----	-----	-----	100	-----	-----	29
-----	-----	4	60	4	-----	-----	-----	-----	-----	-----	50	-----	-----	30
-----	-----	2	10	-----	-----	-----	-----	-----	-----	-----	-----	50	-----	31
-----	-----	2	45	6	-----	-----	-----	-----	-----	-----	45	-----	-----	32
-----	-----	2	14	3	-----	-----	-----	-----	-----	-----	25	-----	-----	33
1,764	-----	333	118	5,109	-----	-----	-----	2	-----	18,526	86,665	50	-----	-----
7,322	5,221	591	123	13,286	-----	2,475	-----	2	-----	18,526	156,314	490,018	-----	12

FIRST DISTRICT.

237	-----	258	236	-----	-----	-----	5	1	125,113	11,071	-----	32	1
300	-----	163	130	-----	-----	-----	-----	1	-----	38,909	-----	16	2
-----	886	24	90	-----	2,800	-----	-----	-----	-----	-----	14,714	-----	3
537	886	445	152	-----	2,800	-----	-----	5	2	125,113	49,980	14,714	48
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	108	209	264	-----	-----	6	-----	66,070	-----	-----	-----	1
-----	-----	38	155	900	-----	-----	-----	-----	-----	17,281	-----	-----	2
200	-----	12	229	-----	-----	-----	-----	-----	-----	6,227	-----	-----	3
220	-----	7	220	70	-----	-----	-----	-----	-----	-----	4,500	-----	4
440	-----	30	139	-----	-----	-----	-----	-----	-----	4,450	-----	-----	5
-----	-----	19	84	-----	-----	-----	-----	-----	-----	-----	4,040	-----	6
32	-----	7	175	80	-----	-----	-----	-----	-----	2,828	-----	-----	7
-----	-----	2	25	35	-----	-----	-----	-----	-----	-----	2,280	-----	8
-----	-----	6	75	30	-----	-----	-----	-----	-----	-----	2,000	-----	9
-----	-----	5	60	-----	-----	-----	-----	-----	-----	-----	1,500	-----	10
-----	-----	12	65	42	-----	-----	-----	-----	-----	1,432	-----	-----	11
50	-----	6	115	-----	-----	-----	-----	-----	-----	-----	1,250	-----	12
-----	-----	4	60	-----	-----	-----	-----	-----	-----	-----	1,203	-----	13
-----	-----	4	200	65	-----	-----	-----	-----	-----	1,081	-----	-----	14
-----	-----	80	30	-----	-----	-----	-----	-----	-----	-----	1,000	-----	15
-----	-----	4	120	56	-----	-----	-----	-----	-----	987	-----	-----	16
-----	-----	3	180	12	-----	-----	-----	-----	-----	-----	891	-----	17
-----	-----	7	100	25	-----	-----	-----	-----	-----	-----	600	-----	18
-----	-----	4	72	18	-----	-----	-----	-----	-----	564	-----	-----	19

LA SALLE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
20	Chas. J. Brooker	Utica	547				547
21	Kickapoo Coal Co.	Marseilles	525				425
22	South Ottawa Coal Co.	Ottawa	500				500
23	Wood & Ryan	Streator	500				500
24	Smith & Harrington Co., No. 1.	Marseilles	444				444
25	Lacy Van Grundy	Streator	440				440
26	Ottawa Relief, "West"	Ottawa	400				400
27	Rutland Coal Co.	Rutland	400				250
28	James Starkey	Tonica	400				400
29	Streator Relief	Streator	400				400
30	Waggener Coal Co.	Ottawa	382				382
31	Smith Bros	Marseilles	375				350
32	George Bavolar	Streator	350				350
33	McClellon Bros	Streator	325				325
34	James Moran	Streator	325				325
35	William Brooker	Utica	320				320
36	Prator & Son	Ottawa	300				300
37	Saulsby & Fulwiler	Streator	300				300
38	Senko Coal Co.	Streator	300				300
39	Faletto Bros. Coal Co.	Marseilles	294				290
40	Beguvin Coal Co.	Ottawa	290				290
41	Armstrong & Ray	Streator	275				275
42	Albert Worthington	Streator	265				265
43	Wilson Mine	Ottawa	258				258
44	Fox River Clay Works	Dayton	250				250
45	Bailey Falls Coal Mine	Cedar Point	247				247
46	D. D. Hamilton	Streator	225				225
47	C. L. Ritz	Ottawa	210				210
48	Payne & Littrell	Utica	208				208
49	Frank Block	LaSalle	207				207
50	Adam Ampusitis	Ottawa	200				200
51	Black & White Coal Co.	Streator	200				200
52	Frank Cenkouch	Streator	200				200
53	Smith & Harrington, No. 2	Marseilles	200				200
54	Thomas Coal Co.	Streator	181				181
55	John Martino	Utica	180				180
56	Vermillion Coal Co.	Peru	169				169
57	Andrew Harcharek & Co.	Streator	150				150
58	Ruyon Coal Co.	Tonica	150				150
59	Walsh & Woodward	Ottawa	150				150
60	Barnhart Coal Co.	Streator	135				135
61	Crawford Coal Co.	Streator	135				135
62	Latchford Bros	LaSalle	135				135
63	John Johnson	Ottawa	115				115
64	L. Sanchez	Ottawa	110				110
65	Big Four Coal Co.	Ottawa	105				105
66	Harold Dicken	Ottawa	100				100
67	Jerry Looney	Ottawa	100				100
68	Mike Kenegan	Ottawa	100				100
69	Martin Coal Co.	Streator	100				100
70	Miller & Co.	Ottawa	100				100
71	Ottawa Coal Co.	Ottawa	100				100
72	John Pohar	LaSalle	100				100
73	Henry Price	Ottawa	100				100
74	Frank Roberts	Ottawa	100				100
75	Smith Mine	Streator	100				100
76	Massey Bros	Tonica	96				96
77	Swanson & Burgess	Utica	95				95
78	Pat Fitzgerald	Ottawa	80				80
79	James George	Ottawa	80				77
80	Armstrong & Phelps	Ottawa	75				75
81	Johnson Coal Co.	Ottawa	75				75
82	Holloway Coal Co.	Ottawa	58				58
83	C. H. McCullough & Sons	Ottawa	58				50
84	Mooney Coal Co.	Ottawa	55				55
85	Shaws Hill Mine	LaSalle	25				25
85 local mines total			134,658				133,426
88 all mines total			324,465	79,651	141		242,018

FIRST DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
100		3	140	28							547			20
		12	75	12							525			21
		9	90									500		22
		6	70									500		23
		15	15										444	24
		3	300								440			25
		25	40									400		26
150		10	120	200							400			27
		5	150	20							400			28
		15	60									400		29
		5	100	15							382			30
25		7	67								375			31
		6	60	12							350			32
		12	190	15							325			33
		12	102	20							325			34
		12	125	10							320			35
		12	140	3								300		36
		3	90	25							300			37
		3	100	5							300			38
4		3	102	2							294			39
		3	190	23							290			40
		3	80	13							275			41
		4	90	4							265			42
		13	135									235		43
		5	65									250		44
		5	90	28							247			45
		5	95								225			46
		5	90	2								210		47
		6	208								208			48
		4	150	5							207			49
		5	115	15							200			50
		5	40									200		51
		12	70								200			52
		3	40									200		53
		3	45	12							181			54
		3	75	5							180			55
		4	42		250						169			56
		5	57	10							150			57
		5	65	3								150		58
		6	35									150		59
		3	60	4							135			60
		3	100	5								135		61
		5	115	8							135			62
		3	65	4								115		63
		4	30									110		64
		3	30									105		65
		4	60	1								100		66
		4	25									100		67
		4	10									100		68
		3	30	2								100		69
		4	30									100		70
		2	90								100			71
		2	65	2							100			72
		5	45									100		73
		12	100	3							100			74
		12	100	4							100			75
		12	135	2							96			76
		12	90	3							95			77
		3	100	3							80			78
3		4	100	6							80			79
		4	90	5							75			80
		12	90	2							75			81
		12	25	1								58		82
8		3	75	2										83
		12	31								55			84
		12	150								25			85
1,232		655	95	2,131	250			6		66,070	44,839	23,749		
1,769	886	1,100	97	2,131	3,050			11	2	191,133	94,819	38,463	48	

LIVINGSTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Fairbury Co-Operative Coal Co.	Fairbury	10,396				9,929
2	Coalville Coal Co., Inc.	Streator	4,763				4,763
3	Allan Anderson	Streator	2,955				2,955
4	Bee Coal Co.	Streator	1,200				1,200
5	Kudrick, Sholtis & Pitte	Streator	982				972
6	Andrew Hyduk Coal Co.	Streator	791				741
7	Cephas Williams	Streator	744				744
8	Guyon, Roth, Mastho & Lip-tak	Streator	410				350
9	Katcher, Wargo & Barry	Streator	357				357
10	Stasko Bros.	Streator	339				337
11	South Side Coal Co.	Streator	338				338
12	McMillen Coal Co.	Streator	327				327
13	H. A. Miller	Streator	320				300
14	Pontiac Mining Co.	Pontiac	320				110
15	Pitts & Matchko	Streator	272				272
16	George Hyduk Coal Co.	Streator	250				166
17	Mill Dam Coal Co.	Streator	250				250
18	Barnhart Coal Co.	Streator	205				200
19	J. Pivovarnik, A. Poldek & A. Majernik	Streator	174				145
20	Livingston County Coal Co.	Streator	125				125
21	Oscar Kimes	Streator	120				120
22	Renner & Sons	Streator	42				40
23	John Gall	Streator	24				24
24	Geo. Bakolar	Streator	20				20
24 local mines total			25,724				24,785

MERCER COUNTY

LOCAL MINES.							
1	Koresko Coal Co.	Viola	5,660				5,340
2	Easley Coal Co.	Viola	5,540				5,140
3	Leroy Pease & Son	Viola	4,000				4,000
4	Frye & Bollman	Viola	3,660				3,260
5	Lee Bros. Coal Co.	Matherville	3,497				3,457
6	Never Seen Coal Co.	Matherville	3,243				3,243
7	Huffman Johnson	Preemption	2,760				2,400
8	Kness Coal Co.	Viola	2,603				2,103
9	S. C. Hartman	Matherville	2,040				2,040
10	W. E. McCloskey	Matherville	1,604				1,604
11	John Boden	Reynolds	1,275				1,275
12	Morris Co-operative Coal Co.	Aledo	757				757
13	W. F. Smith & Sons	Aledo	707				707
14	Miller & Goben	Aledo	516				516
15	Needham & Smith	Aledo	508				505
16	Pease Coal Co.	Viola	500				500
17	John Taylor	Viola	500				500
18	Noble & Sons	Aledo	380				350
19	Swan Young	New Windsor	314				314
20	T. H. Smith & Co.	Viola	290				286
20 local mines total			40,354				38,327

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
467		26	186	95				1		10,396				1
		21	196	475							4,763			2
		7	148	48							2,955			3
		6	140									1,200		4
10		5	229									982		5
50		4	70									791		6
		5	90									744		7
		6	60									410		8
60		5	120	1							357			9
2		6	75									339		10
		4	57									338		11
		5	31	1							327			12
20		5	18									320		13
210		5	160	20							320			14
		3	40									272		15
84		6	37									250		16
		5	160	12							250			17
5		3	83								205			18
		3	100	6							174			19
29		4	90	25							125			20
		2	40								120			21
2		3	12	1							42			22
		4	30								24			23
		12	24									20		24
939		145	92	684				1		10,396	9,662	5,666		

FIRST DISTRICT.

320	10	190	520							5,660			
400	17	143	475							5,540			
	5	250	120							4,000			
400	8	162	250							3,660			
40	9	175	350							3,497			
	9	140	275							3,243			
360	12	108	100							2,760			
500	15	172	300							2,603			
	3	60	24							2,040			
	5	200	70							1,604			
	6	125								1,275			
	7	125	36							757			
	5	135	71							707			
	2	160	51							516			
3	2	175	64							508			
	10	150								500			
	4	100	50							500			
	3	150	26							380			
	3	180	35							314			
4	5	86	42							290			
2,027	140	149	2,859							40,354			

PUTNAM COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINE.							
1	Prairie State Coal Co.-----	Granville-----	80,913	54,270	6,000	700	8,100

ROCK ISLAND COUNTY

LOCAL MINES.							
1	Mielke Bros.	Coal Valley.	50,306	-----	-----	-----	50,250
2	Rawalt Coal Co.	Coal Valley.	8,663	-----	-----	-----	8,663
3	Highland Coal & Mining Co.	Moline.	6,596	-----	-----	-----	6,596
4	Thomas McKeag.	Coal Valley.	6,108	-----	-----	-----	6,108
5	Wooley, Petris & Wilson.	Coal Valley.	2,040	-----	-----	-----	2,040
6	Witherspoon Bros.	Moline.	1,620	-----	-----	-----	1,620
7	Progressive Coal Mine.	Moline.	1,055	-----	-----	-----	1,050
8	Elite Mine.	Coal Valley.	600	-----	-----	-----	600
9	Pryce Mining Co.	Coal Valley.	590	-----	-----	-----	552
10	Blue Eagle Coal Mine.	Moline.	350	-----	-----	-----	350
11	Odendahl Mine.	Moline.	195	-----	-----	-----	195
12	Last Dollar Mine.	Moline.	100	-----	-----	-----	100
13	Rural Coal Co.	Coal Valley.	61	-----	-----	-----	61
14	George W. Roberts.	Coal Valley.	4	-----	-----	-----	4
14 local mines total.			78,298	-----	-----	-----	78,199

WILL COUNTY

SHIPPING MINE.							
1	Northern Illinois Coal Corp., No. 10.	Wilmington.	946,801	613,963	223,658	-----	105,192
LOCAL MINE.							
1	Morris Coal & Mining Co.	Morris.	22,150	-----	-----	-----	22,140
2 all mines total.			968,951	613,963	223,658	-----	127,332

FIRST DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1,727	10,116	436	92	-----	-----	-----	-----	-----	2	-----	50,913	-----	38	1

FIRST DISTRICT.

56	-----	82	210	2,481	-----	-----	-----	1	-----	11,342	38,964	-----	-----	1
-----	-----	20	200	-----	2,100	-----	-----	1	-----	8,663	-----	-----	-----	2
-----	-----	21	140	450	-----	-----	-----	-----	-----	-----	6,596	-----	-----	3
-----	-----	24	212	533	-----	-----	-----	-----	-----	-----	6,108	-----	-----	4
-----	-----	11	200	140	-----	-----	-----	-----	-----	-----	2,040	-----	-----	5
-----	-----	3	160	126	-----	-----	-----	-----	-----	-----	1,620	-----	-----	6
5	-----	4	180	100	-----	-----	-----	-----	-----	-----	1,065	-----	-----	7
-----	-----	5	45	25	-----	-----	-----	-----	-----	-----	600	-----	-----	8
35	-----	6	51	66	-----	-----	-----	-----	-----	-----	590	-----	-----	9
-----	-----	4	95	25	-----	-----	-----	-----	-----	-----	350	-----	-----	10
-----	-----	12	60	-----	-----	-----	-----	-----	-----	-----	195	-----	-----	11
-----	-----	4	48	15	-----	-----	-----	-----	-----	-----	100	-----	-----	12
-----	-----	9	7	8	-----	-----	-----	-----	-----	-----	61	-----	-----	13
-----	-----	12	3	-----	-----	-----	-----	-----	-----	-----	4	-----	-----	14
99	-----	197	115	3,989	2,100	-----	-----	2	-----	20,005	58,293	-----	-----	-----

FIRST DISTRICT.

2,098	1,890	271	283	-----	25,300	-----	-----	-----	-----	-----	-----	946,801	-----	1
10	-----	16	100	-----	-----	-----	-----	-----	-----	-----	-----	22,150	-----	1
2,108	1,890	287	192	-----	25,300	-----	-----	-----	-----	-----	-----	968,951	-----	-----

FIRST DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Henry.....	2	559,617	502,162	22,270	21	24,385	5,558	5,221
LaSalle.....	3	189,807	79,651	141	-----	108,592	537	886
Putnam.....	1	80,913	54,270	6,000	700	8,100	1,727	10,116
Will.....	1	946,801	613,963	223,658	-----	105,192	2,098	1,890
Total.....	7	1,777,138	1,250,046	252,069	721	246,269	9,920	18,113

LOCAL MINES

Bureau.....	13	31,851	-----	-----	-----	28,192	3,659	-----
Grundy.....	7	138,455	-----	-----	-----	137,231	1,224	-----
Henry.....	33	105,241	-----	-----	-----	103,477	1,764	-----
LaSalle.....	85	134,658	-----	-----	-----	133,426	1,232	-----
Livingston.....	24	25,724	-----	-----	-----	24,785	939	-----
Mercer.....	20	40,354	-----	-----	-----	38,327	2,027	-----
Rock Island.....	14	78,298	-----	-----	-----	78,199	99	-----
Will.....	1	22,150	-----	-----	-----	22,140	10	-----
Total.....	197	576,731	-----	-----	-----	565,777	10,954	-----

ALL MINES

Bureau.....	13	31,851	-----	-----	-----	28,192	3,659	-----
Grundy.....	7	138,455	-----	-----	-----	137,231	1,224	-----
Henry.....	35	664,858	502,162	22,270	21	127,862	7,322	5,221
LaSalle.....	88	324,465	79,651	141	-----	242,018	1,769	886
Livingston.....	24	25,724	-----	-----	-----	24,785	939	-----
Mercer.....	20	40,354	-----	-----	-----	38,327	2,027	-----
Putnam.....	1	80,913	54,270	6,000	700	8,100	1,727	10,116
Rock Island.....	14	78,298	-----	-----	-----	78,199	99	-----
Will.....	2	968,951	613,963	223,658	-----	127,332	2,108	1,890
Total.....	204	2,353,869	1,250,046	252,069	721	812,046	20,874	18,113

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mines by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
258	215	8,177		2,475					69,649	489,968	12
445	152		2,800			5	2	125,113	49,980	14,714	48
436	92						2		80,913		38
271	283		25,300							946,801	
1,410	180	8,177	28,100	2,475		5	4	125,113	200,542	1,451,483	98

FIRST DISTRICT.

221	150	440				1		12,378	17,852	1,621	
244	153	66	14,750			3		46,195	37,875	54,385	
333	118	5,109				2		18,526	86,665	50	
655	95	2,131	250			6		66,070	44,839	23,749	
145	92	684				1		10,396	9,662	5,666	
140	149	2,859							40,354		
197	115	3,989	2,100			2		20,005	58,293		
16	100									22,150	
1,951	111	15,278	17,100			15		173,570	295,540	107,621	

FIRST DISTRICT.

221	150	440				1		12,378	17,852	1,621	
244	153	66	14,750			3		46,195	37,875	54,385	
591	123	13,286		2,475		2		18,526	156,314	490,018	12
1,100	97	2,131	3,050			11	2	191,183	94,819	38,463	48
145	92	684				1		10,396	9,662	5,666	
140	149	2,859							40,354		
436	92						2		80,913		38
197	115	3,989	2,100			2		20,005	58,293		
287	192		25,300							968,951	
3,361	113	23,455	45,200	2,475		20	4	298,683	496,082	1,559,104	98

SECOND DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Second Inspection District, comprising the coal producing counties of Marshall, Peoria, Stark, Tazewell and Woodford, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	5	5	5	5	6
Number of shipping mines.....	8	8	8	8	11
Number of local mines.....	125	155	131	109	99
Number of employees underground.....	2,650	2,577	2,362	2,853	2,514
Number of employees on surface.....	262	305	144	420	292
Total number employed.....	2,912	2,882	2,506	3,273	2,806
Tons of coal produced in shipping mines.....	1,568,939	1,475,730	853,301	1,330,623	1,312,004
Tons of coal produced in local mines.....	432,577	420,705	381,777	290,494	314,654
Tons of coal produced, total.....	2,001,516	1,896,435	1,235,078	1,621,117	1,626,658
Days operated, shipping mines, average.....	181	181	113	146	153
Days operated, local mines, average.....	134	119	119	105	104
Number of undercutting machines.....	93	82	68	86	90
Tons undercut.....	1,694,914	1,622,198	1,002,956	1,478,358	1,320,349
Tons mined by hand.....	304,002	269,068	222,803	134,583	306,309
Tons mined in strip mines.....	2,600	5,169	9,319	8,176	-----
Number of loading machines used.....	-----	-----	9	1	-----
Tons loaded mechanically.....	-----	-----	56,599	2,891	-----
Number of fatal accidents.....	3	1	4	3	-----
Number of non-fatal accidents.....	154	194	130	197	180
Number of employees to each fatality.....	971	2,882	626	1,091	-----
Number employed to each non-fatal accident.....	18.9	15	19.2	16.6	15.6
Tons of coal mined to each fatality.....	667,172	1,896,435	308,769	540,372	-----
Tons mined to each non-fatal accident.....	12,997	9,775	9,578	8,229	9,037
Number of fatalities per 1,000 employed.....	1.0	.3	1.6	.9	-----
Number injured per 1,000 employed.....	52.9	67.3	51.8	60.2	64.1

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	12	84	1,918,281	454,867	2,125	665	194	130	3	268	791,049
1930.....	11	99	1,312,004	314,654	2,056	750	153	104	3	180	-----
1931.....	8	109	1,330,623	290,494	1,645	1,628	146	105	3	197	540,372
1932.....	8	131	853,301	381,777	1,548	958	113	119	4	130	308,769
1933.....	8	155	1,475,730	420,705	1,783	1,099	181	119	1	194	1,896,435
Average for 5 years	9	116	1,377,988	372,499	1,831	1,020	160	115	2	194	795,676
1934.....	8	125	1,568,939	432,577	1,854	1,058	181	134	3	154	667,172
Gain (+) or loss(—), 1934 over previous 5 years.....	—1	+9	+190,951	+60,078	+23	+38	+21	+19	+1	—40	—128,504

FATAL ACCIDENTS.

July 17, Charles H. Butterfield, blacksmith, age 46 years, married, was electrocuted while repairing a fan in the Lake Erie Mining Company, No. 1 mine. He leaves a widow.

August 24, Herbert Hulford, machine runner, age 38 years, married, died of injuries received August 1 in Crescent Mining Company's No. 6 mine, when he was struck in the leg by a skid while unloading a cutting machine. He leaves a widow and three children.

December 23, Dominic Margelli, mine owner and timberman, age 51 years, widower, was killed by a fall of rock in Mine No. 1 of the Treasure Coal Co.

Respectfully submitted,

GEORGE H. DEEMY, *Inspector.*

FATAL ACCIDENTS, SECOND DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
July 17	July 17	Charles H. Butterfield	46	Blacksmith	East Peoria	Lake Erie Mining Co.	1	1	1	1	1	1	Electrocuted.
Aug. 1	Aug. 24	Herbert Hulford	38	Machine runner	Peoria	Crescent Mining Co.	6	1	1	1	3	4	Struck by skid while unloading machine.
Dec. 23	Dec. 23	Dominic Margelli	51	Timberman	Peoria	Treasure Coal Co.	1	1	1	1	1	1	Fall of rock.

NON-FATAL ACCIDENTS, SECOND DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
						Total.	Average.			
Crescent Mining Co., No. 1.....	25	3	691	31	12	125	10	10	January.....	17
Crescent Mining Co., No. 6.....	55	9	1,782	39	20	320	16	26	February.....	14
Dorthel Coal Co., No. 1.....	10	2	250	31	4	81	20	4	March.....	26
Glenwood Mining Co.....	9	3	246	41	2	44	22	4	April.....	9
Lake Erie Mining Co.....	16	2	552	39	6	78	13	8	May.....	7
Reamoke Coal & Tile Co.....	13	1	514	43	5	64	13	7	June.....	4
W. G. Sutton Coal Co.....	6	1	653	131				5	July.....	5
									August.....	9
Shipping mines.....	134	21	4,688	41	49	712	15	64	September.....	13
Local mines.....	20	8	263	22	9	107	12	3	October.....	19
									November.....	15
									December.....	16
Total.....	154	29	4,951	40	58	819	14	67	Total.....	154

MARSHALL COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	R. H. Simpson, No. 1.....	Sparland.....	1,656				1,656
2	Eagle Coal Co.....	Sparland.....	1,605				1,605
3	John H. Pearson.....	Henry.....	1,534				1,534
4	Babington & Kaer.....	Sparland.....	891				891
5	Peter Kranz.....	Sparland.....	709				709
6	William Hillman.....	Sparland.....	580				580
7	Mat Spar.....	Sparland.....	506				506
8	Martin Schultz.....	Sparland.....	505				505
9	Art Reed & Bros.....	Chillicothe.....	488				488
10	Dalton & Parish.....	Sparland.....	478				478
11	Cummings Bros.....	Sparland.....	411				411
12	Frank Caldwell.....	Sparland.....	391				391
13	Davis Bros.....	Sparland.....	390				390
14	Warren & Dawson.....	Sparland.....	382				382
15	William Crew.....	Sparland.....	350				350
16	Green Coal Co.....	Sparland.....	343				343
17	George Pratt.....	Henry.....	316				316
18	Jule Julian.....	Chillicothe.....	265				265
19	Vincent Dobrich.....	Sparland.....	207				207
20	R. H. Ingram.....	Sparland.....	188				188
21	Charles Bagges.....	Sparland.....	151				151
22	James Young.....	Sparland.....	134				134
23	Negsoner Bros.....	Sparland.....	122				122
24	Will Williams.....	Sparland.....	55				55
25	Frank Hagel.....	Sparland.....	40				40
26	James Fogarty.....	Sparland.....	25				25
26 local mines total.....			12,722				12,722

PEORIA COUNTY

SHIPPING MINES.						
1	Crescent Mining Co., No. 6.....	Peoria.....	785,092	134,211	589,358	60,102
2	Crescent Mining Co., No. 1.....	Peoria.....	295,886	13,879	276,690	4,689
3	Dorthel Coal Co., No. 1.....	Hanna City.....	120,484	20,637	86,408	13,439
4	The Glenwood Mining Co., No. 3.....	Edwards.....	51,702	36,684	8,517	5,990
4 shipping mines total.....			1,253,164	205,411	960,973	\$4,220
LOCAL MINES.						
1	Edward Mohn & Son.....	Bartonville.....	58,793			58,693
2	Hilltop Coal Co.....	Peoria.....	49,734			49,734
3	Treasure Coal Co.....	Peoria.....	16,548			15,348
4	Middle Road Coal Co.....	Peoria.....	15,100			15,100
5	Vicary Bros.....	Peoria.....	13,620			13,320
6	Big Hollow Colliery Co.....	Peoria.....	11,191			10,591
7	Dry Run Coal Co.....	Glasford.....	7,741			7,691
8	Hollis Coal Co.....	Hollis.....	7,363			7,308
9	Otto Lightbody.....	Glasford.....	6,670			6,670
10	A. & T. Coal Co.....	Peoria.....	6,281			6,186
11	South Side Coal Co.....	Peoria.....	5,328			5,328
12	Kingsley & Calhoun.....	Glasford.....	4,800			4,700
13	Lucky Strike Coal Mining Co.....	Peoria.....	4,764			4,764
14	Sunshine Coal Co.....	Peoria.....	4,110			4,110
15	Black Jewel Coal Co.....	Oak Hill.....	3,300			3,300
16	S. R. Stever.....	Peoria.....	3,230			3,230

SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—keets.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	9	143	166	.....	.....	.....	.....	.....	.....	1,656	.....	.....	1
.....	5	157	152	.....	.....	.....	.....	.....	.....	1,605	.....	.....	2
.....	183	148	148	.....	.....	.....	.....	.....	.....	1,534	.....	.....	3
.....	127	90	90	.....	.....	.....	.....	.....	.....	891	.....	.....	4
.....	132	99	99	.....	.....	.....	.....	.....	.....	709	.....	.....	5
.....	108	61	61	.....	.....	.....	.....	.....	.....	580	.....	.....	6
.....	174	49	49	.....	.....	.....	.....	.....	.....	506	.....	.....	7
.....	149	55	55	.....	.....	.....	.....	.....	.....	505	.....	.....	8
.....	178	52	52	.....	.....	.....	.....	.....	.....	488	.....	.....	9
.....	163	78	78	.....	.....	.....	.....	.....	.....	478	.....	.....	10
.....	136	40	40	.....	.....	.....	.....	.....	.....	411	.....	.....	11
.....	153	40	40	.....	.....	.....	.....	.....	.....	391	.....	.....	12
.....	101	39	39	.....	.....	.....	.....	.....	.....	390	.....	.....	13
.....	115	48	48	.....	.....	.....	.....	.....	.....	382	.....	.....	14
.....	116	34	34	.....	.....	.....	.....	.....	.....	350	.....	.....	15
.....	115	36	36	.....	.....	.....	.....	.....	.....	343	.....	.....	16
.....	136	40	40	.....	.....	.....	.....	.....	.....	316	.....	.....	17
.....	62	26	26	.....	.....	.....	.....	.....	.....	265	.....	.....	18
.....	137	24	24	.....	.....	.....	.....	.....	.....	207	.....	.....	19
.....	69	19	19	.....	.....	.....	.....	.....	.....	188	.....	.....	20
.....	72	16	16	.....	.....	.....	.....	.....	.....	151	.....	.....	21
.....	58	13	13	.....	.....	.....	.....	.....	.....	134	.....	.....	22
.....	55	14	14	.....	.....	.....	.....	.....	.....	122	.....	.....	23
.....	38	7	7	.....	.....	.....	.....	.....	.....	55	.....	.....	24
.....	20	5	5	.....	.....	.....	.....	.....	.....	40	.....	.....	25
.....	23	3	3	.....	.....	.....	.....	.....	.....	25	.....	.....	26
.....	83	113	1,354	.....	.....	.....	.....	.....	.....	12,722	.....	.....	.....

SECOND DISTRICT.

428	993	567	237	229,775	.....	.....	28	5	785,092	.....	.....	52	1
160	468	378	180	58,525	.....	.....	18	5	295,886	.....	.....	36	2
.....	.....	179	167	68 29,875	.....	.....	8	3	120,484	.....	.....	15	3
10	501	119	171	3,390 4,375	.....	.....	2	3	1,212	50,490	.....	5	4
598	1,962	1,243	189	3,458 322,550	.....	.....	56	16	1,202,674	50,490	.....	108	.....
100	.....	76	159	10,900	.....	.....	3	.....	58,793	.....	.....	.....	1
.....	.....	50	195	462	.....	.....	4	.....	49,734	.....	.....	.....	2
1,200	.....	24	170	5,825	.....	.....	1	.....	16,548	.....	.....	.....	3
.....	.....	22	184	175	.....	.....	1	.....	15,100	.....	.....	.....	4
300	.....	24	134	900	.....	.....	.....	.....	.....	13,620	.....	.....	5
600	.....	31	172	190	.....	.....	2	.....	11,191	.....	.....	.....	6
50	.....	5	200	510	.....	.....	.....	.....	.....	7,741	.....	.....	7
55	.....	18	293	228	.....	.....	1	.....	6,598	855	.....	.....	8
.....	.....	4	140	2,000	.....	.....	1	.....	6,670	.....	.....	.....	9
95	.....	24	191	420	.....	.....	.....	.....	.....	6,281	.....	.....	10
.....	.....	9	185	293	.....	.....	.....	.....	.....	5,328	.....	.....	11
100	.....	10	240	453	.....	.....	.....	.....	.....	4,800	.....	.....	12
.....	.....	11	200	370	.....	.....	.....	.....	.....	4,764	.....	.....	13
.....	.....	11	110	350	.....	.....	.....	.....	.....	4,110	.....	.....	14
.....	.....	12	160	280	.....	.....	.....	.....	.....	2,300	.....	.....	15
.....	.....	10	125	200	.....	.....	.....	.....	.....	3,230	.....	.....	16

PEORIA COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
17	Henry F. Johnson	Oak Hill	3,200				3,200
18	Pleasant Hill Coal Co.	Peoria	3,181				3,181
19	Jay Bird Mine	Oak Hill	3,166				3,166
20	Beetler & Cupi	Mapleton	3,150				3,140
21	Kickapoo Valley Coal Co.	Oak Hill	2,911				2,911
22	A. & P. Coal Co.	Peoria	2,851				2,851
23	Arthur Stenstrom	Edwards	2,600				2,400
24	Fred Snider	Oak Hill	2,460				2,450
25	Big Bear Coal Co.	Peoria	2,214				2,214
26	Cusack Coal Co.	Edwards	2,025				2,025
27	Frank P. Schmidt & Sons	Peoria	2,015				2,015
28	New Peahontas Coal Co.	Peoria	2,000				2,000
29	Mohn & Callear Bros.	Peoria	1,895				1,895
30	Community Coal Co.	Princeville	1,840				1,810
31	Camp Bros.	Princeville	1,800				1,800
32	Geo. W. Turner & Son	Edwards	1,651				1,651
33	Shamrock Coal Co.	Peoria	1,540				1,540
34	Blue Hollow Coal Co.	Elmwood	1,440				1,440
35	D. Roberts	Mapleton	1,400				1,400
36	Maple Ridge Coal Co.	Edwards	1,381				1,381
37	Abe Callear	Pottstown	1,281				1,281
38	Renaldo Matthew Mining Co	Mapleton	1,276				1,276
39	Midway Coal Co.	Princeville	1,245				1,243
40	Joe Burdess	Peoria	1,200				1,200
41	Howard Scott	Mapleton	1,200				1,200
42	Oak Grove Coal Co.	Oak Hill	1,126				1,126
43	F. Monks & D. Barclay	Mapleton	1,083				1,083
44	White Ash Coal Co.	Hanna City	960				960
45	Abe Colwell & Son	Sparland	928				928
46	Patton Coal Co.	Peoria	906				901
47	Haynes Coal Co.	Mapleton	874				874
48	Brady & White	Peoria	870				770
49	Rosefield Mining Co.	Monica	804				804
50	Cottonwood Coal Co.	Hanna City	644				644
51	Mapleton Coal & Mining Co.	Mapleton	500				500
52	John H. Smith	Mapleton	461				461
53	Sherwood Bros. Coal Co.	Elmwood	460				453
54	West Point Coal Co.	Edwards	410				410
55	Beverly Hills Coal Co.	Peoria	400				398
56	Thomas Hunt	Edwards	374				374
57	Joe C. Fussner	Brimfield	330				330
58	Don B. Young	Peoria	317				310
59	Jesse French	Peoria	240				240
60	Thomas Lopeman	Chillicothe	200				200
61	Henry Mattox	Princeville	200				200
62	Lester Stear	Peoria	200				190
63	Rocky Glen Coal Co.	Peoria	200				200
64	Henry Wolford Coal Co.	Hanna City	200				200
65	L. Clarkson	Brimfield	160				160
66	Brimfield Mining Co.	Brimfield	150				150
67	James Pankey	Hanna City	150				150
68	Chas. H. Schneider	Princeville	140				140
69	Hickory Grove Coal Co.	Edwards	104				104
70	Walter Slane	Oak Hill	85				85
71	Peter D. Hoffman	Edwards	80				80
72	Joe Orr	Peoria	80				80
73	Tompkins & Pitcher	Peoria	70				70
74	Peter Slane	Peoria	65				65
75	Black Cat Coal Co.	Peoria	60				60
76	John Murdock	Brimfield	50				50
77	Phillip Krummel	Princeville	10				10
77 local mines total			283,386				280,503
81 all mines total			1,536,550	205,411	960,973		364,723

SECOND DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
			1	160	225						3,200			17
			1	140	64									18
		10	1	191	264						3,166			19
10			9	175	240						3,150			20
			8	132	185						2,911			21
			7	263	238						2,851			22
200			7	150	34							2,600		23
10			9	167	170						2,460			24
			9	125	250						2,214			25
			8	133	175						2,025			26
			6	166	118						2,015			27
			9	105	125						2,000			28
			5	167	150						1,895			29
30			5	165	190						1,810			30
			7	181	175						1,800			31
			5	206	127						1,651			32
			4	205	127						1,540			33
			6	182	95						1,440			34
			4	180	110						1,400			35
			8	127	126						1,381			36
			5	160	107						1,281			37
			2	150	105						1,276			38
2			4	300	150						1,245			39
			4	150	150						1,200			40
			3	200	80						1,200			41
			6	95	112						1,126			42
		10	10	200	126						1,083			43
			6	120	48						960			44
			5	200	103						928			45
5			4	152		1,100					906			46
			5	62	85						874			47
100			6	168	90						870			48
			6	135							804			49
			5	120	120						644			50
			5	65	48						500			51
			5	80	35						461			52
7			2	143	41						460			53
			4	130	38						410			54
2			7	65	30						400			55
			2	119	30						374			56
			3	150	35						330			57
7			2	67	22						317			58
			2	80	26						240			59
			3	80	27						200			60
			3	105	25						200			61
			3	80							200			62
			4	120	20	625					200			63
			3	100							200			64
			2	150							160			65
			3	60							150			66
			4	40	12						150			67
			1	110	15						140			68
			3	60							104			69
			1	50	8						85			70
			3	20	10						80			71
			1	27	8						80			72
			2	18	8						70			73
			1	22	6						65			74
			1	30	6						60			75
			1	50							50			76
			1	12	2						10			77
2,883		629	135	9,753	20,450			14		167,725	113,061	2,600		
3,481	1,962	1,872	138	13,211	34,000			70	16	1,370,399	163,551	2,600	108	

STARK COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	James Scott.....	Wyoming.....	8,070	-----	-----	-----	8,050
2	Downing Bros.....	Castleton.....	2,460	-----	-----	-----	2,460
3	Chas. Bensyl.....	Wyoming.....	1,600	-----	-----	-----	1,550
4	Ray Durant.....	Neponset.....	1,411	-----	-----	-----	1,411
5	W. J. Duncan.....	Neponset.....	1,282	-----	-----	-----	1,102
6	Mark Platner.....	Wyoming.....	1,200	-----	-----	-----	1,200
7	Catton & Willson.....	Toulon.....	1,000	-----	-----	-----	1,000
8	Arthur Storey.....	Wyoming.....	700	-----	-----	-----	700
9	G. A. Ohman.....	Neponset.....	675	-----	-----	-----	620
10	Curfman & Reed.....	Wyoming.....	511	-----	-----	-----	511
11	Kingen & Sons.....	Wyoming.....	430	-----	-----	-----	400
12	Sturms & Sons.....	Bradford.....	420	-----	-----	-----	400
13	R. H. Simpson.....	Sparland.....	354	-----	-----	-----	354
14	Bates & Price.....	Kewanee.....	350	-----	-----	-----	350
15	George Dillon.....	Wyoming.....	313	-----	-----	-----	313
16	Peter Charlson.....	Wyoming.....	66	-----	-----	-----	60
16 local mines total.....			20,842	-----	-----	-----	20,481

TAZEWELL COUNTY

SHIPPING MINES.							
1	Lake Erie Mining Co.....	Peoria.....	178,751	107,252	22,367	-----	49,132
2	Ubben Coal Co.....	Pekin.....	33,764	9,143	-----	-----	24,171
2 shipping mines total.....			212,515	116,395	22,367	-----	73,303
LOCAL MINES.							
1	Manhattan Coal & Mining Co.....	East Peoria.....	55,536	-----	-----	-----	55,148
2	Coal Creek Coal Co.....	East Peoria.....	25,985	-----	-----	-----	25,945
3	David Grant Coal Co.....	Pekin.....	14,693	-----	-----	-----	14,093
4	Lea Bros. & Lamborn.....	Peoria.....	11,646	-----	-----	-----	11,620
5	Lakeside Coal Co.....	Pekin.....	4,455	-----	-----	-----	4,400
6	Martiness Coal Co.....	East Peoria.....	3,312	-----	-----	-----	3,000
6 local mines total.....			115,627	-----	-----	-----	114,206
8 all mines total.....			328,142	116,395	22,367	-----	187,509

WOODFORD COUNTY

SHIPPING MINES.							
1	W. G. Sutton.....	Minonk.....	72,771	33,749	-----	-----	32,403
2	Roanoke Coal & Tile Co.....	Roanoke.....	30,489	10,003	420	-----	17,404
2 shipping mines total.....			103,260	43,752	420	-----	49,807

SECOND DISTRICT.

Disposition of output—tons.		Total employees.	Explosives used for blasting coal.					Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.		Days of active operation.	Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
20		22	200	700							8,070			1
50		7	250	250							2,460			2
		9	120	100							1,600			3
		7	250								1,411			4
180		6	123	35							1,232			5
		10	130	160							1,200			6
		5	150	300							1,000			7
		3	190								700			8
55		3	170								675			9
		6	100	60							511			10
30		3	100	20							430			11
20		4	100	20							420			12
		6	90	55							354			13
		5	80								350			14
		4	150								313			15
6		1	133								66			16
361		101	146	1,680							20,842			

SECOND DISTRICT.

300	150	212	212	227	27,900			9	5	178,751				8	1
		58	165	422				4	1	33,764				4	2
300	150	270	189	649	27,900			13	6	212,515				12	
388		113	190	965				4		55,221	315				1
40		56	131		8,650			2		25,985					2
600		29	156	160				2		14,693					3
26		23	163	128				1		11,646					4
55		14	185		1,125			1		4,455					5
312		10	200	202							3,312				6
1,421		245	171	1,455	9,775			10		112,000	3,627				
1,721	150	515	175	2,104	37,675			23	6	324,515	3,627			12	

SECOND DISTRICT.

3,600	3,019	222	165					3		72,771			12	1
2,662		119	154					1		30,489			18	2
6,262	3,019	341	160					4		103,260			30	

SECOND DISTRICT, SHIPPING MINES

Counties.	Num- ber of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for ship- ment.	Sold to railroad com- panies.	Sup- plied to loco- motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Peoria.....	4	1,253,164	205,411	960,973	-----	84,220	598	1,962
Tazewell.....	2	212,515	116,395	22,367	-----	73,303	300	150
Woodford.....	2	103,260	43,752	420	-----	49,807	6,262	3,019
Total.....	8	1,568,939	365,558	983,760	-----	207,330	7,160	5,131

LOCAL MINES

Marshall.....	26	12,722	-----	-----	-----	12,722	-----	-----
Peoria.....	77	283,386	-----	-----	-----	280,503	2,883	-----
Stark.....	16	20,842	-----	-----	-----	20,481	361	-----
Tazewell.....	6	115,627	-----	-----	-----	114,206	1,421	-----
Total.....	125	432,577	-----	-----	-----	427,912	4,665	-----

ALL MINES

Marshall.....	26	12,722	-----	-----	-----	12,722	-----	-----
Peoria.....	81	1,536,550	205,411	960,973	-----	364,723	3,481	1,962
Stark.....	16	20,842	-----	-----	-----	20,481	361	-----
Tazewell.....	8	328,142	116,395	22,367	-----	187,509	1,721	150
Woodford.....	2	103,260	43,752	420	-----	49,807	6,262	3,019
Total.....	133	2,001,516	365,558	983,760	-----	635,242	11,825	5,131

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
1,243	189	3,458	322,550	-----	-----	56	16	1,202,674	50,490	-----	108
270	189	649	27,900	-----	-----	13	6	212,515	-----	-----	12
341	160	-----	-----	-----	-----	-----	4	-----	103,260	-----	30
1,854	181	4,107	350,450	-----	-----	69	26	1,415,189	153,750	-----	150

SECOND DISTRICT.

83	113	1,354	-----	-----	-----	-----	-----	-----	12,722	-----	-----
629	135	9,753	20,450	-----	-----	14	-----	167,725	113,061	2,600	-----
101	146	1,680	-----	-----	-----	-----	-----	-----	20,842	-----	-----
245	171	1,455	9,775	-----	-----	10	-----	112,000	3,627	-----	-----
1,058	134	14,242	30,225	-----	-----	24	-----	279,725	150,252	2,600	-----

SECOND DISTRICT.

83	113	1,354	-----	-----	-----	-----	-----	-----	12,722	-----	-----
1,872	138	13,211	343,000	-----	-----	70	16	1,370,399	163,551	2,600	108
101	146	1,680	-----	-----	-----	-----	-----	-----	20,842	-----	-----
515	175	2,104	37,675	-----	-----	23	6	324,515	3,627	-----	12
341	160	-----	-----	-----	-----	-----	4	-----	103,260	-----	30
2,912	137	18,349	380,675	-----	-----	93	26	1,694,914	304,002	2,600	150

THIRD DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Third Inspection District, comprising the coal producing counties of Adams, Brown, Fulton, Hancock, Knox, McDonough, Schuyler and Warren, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	8	6	6	6	7
Number of shipping mines.....	15	7	7	8	8
Number of local mines.....	335	311	271	244	265
Number of employees underground.....	2,152	2,081	2,176	1,921	1,833
Number of employees on surface.....	687	575	396	444	386
Total number employed.....	2,838	2,656	2,572	2,365	2,219
Tons of coal produced in shipping mines.....	1,838,159	1,290,041	1,355,246	1,520,062	1,768,519
Tons of coal produced in local mines.....	318,162	499,860	400,059	274,939	252,946
Tons of coal produced, total.....	2,156,321	1,789,901	1,755,305	1,795,001	2,021,465
Days operated, shipping mines, average.....	175	135	122	132	193
Days operated, local mines, average.....	106	118	123	134	111
Number of undercutting machines.....	52	49	54	56	49
Tons undercut.....	693,014	775,756	687,962	710,517	757,152
Tons mined by hand.....	302,678	340,913	283,029	288,767	379,064
Tons mined in strip mines.....	1,160,629	673,232	784,314	795,717	885,249
Number of loading machines used.....	1	-----	2	3	3
Tons loaded mechanically.....	4,000	-----	4,169	2,781	5,838
Number of fatal accidents.....	2	3	2	3	2
Number of non-fatal accidents.....	100	108	82	95	139
Number of employees to each fatality.....	1,419	885	1,286	788	1,120
Number employed to non-fatal accident.....	28.4	24.6	31.4	24.9	16
Tons of coal mined to each fatality.....	1,078,161	596,634	877,652	598,334	1,010,232
Tons of coal mined to each non-fatal accident.....	21,563	16,573	21,406	18,895	14,543
Number of fatalities per 1,000 employed.....	0.7	1.1	.78	1.3	.9
Number injured per 1,000 employed.....	35.2	40.6	31.9	40.2	62.6

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	9	215	1,750,038	240,974	1,213	715	167	125	3	124	663,671
1930.....	8	265	1,768,519	252,946	1,285	934	193	112	2	139	1,010,232
1931.....	8	261	1,520,062	274,939	1,303	1,062	132	134	3	95	598,334
1932.....	7	271	1,355,246	400,059	1,260	1,312	122	123	2	82	877,652
1933.....	7	311	1,290,041	499,860	1,186	1,470	135	118	3	108	596,634
Average for 5 years	8	265	1,536,781	333,756	1,249	1,098	151	122	3	110	719,437
1934.....	15	335	1,838,159	318,162	1,478	1,360	175	106	2	190	1,078,161
Gain (+) or loss (-), 1934 over previous 5 years.....	+7	+70	+301,378	-15,594	+229	+262	+24	-16	-1	-10	+358,724

NEW MINES.

Livings & Smith, at Canton in Fulton County.

E. A. Reed Coal Co., at Canton in Fulton County.

The following mines changed from local to shipping operations:

Blakley Coal Co., at Canton in Fulton County.

Golden Rule Coal Co., at Middle Grove in Fulton County.

Pschirrer & Sons Coal Co., at Canton in Fulton County.

Sunnyside Coal Co., at Cuba in Fulton County.

George Swords, at Canton in Fulton County.

FATAL ACCIDENTS.

January 11. Armond Baretich, electrician, age 22 years, single, was electrocuted by coming in contact with electric wires in Midland Electric Coal Company's mine No. 2.

March 16. Leo Trunko, miner, age 22 years, single, was killed by a fall of slate in Galesburg Mining Company's mine. He leaves his father and mother dependent.

Respectfully submitted.

F. M. GUTHRIE, *Inspector.*

FATAL ACCIDENTS, THIRD DISTRICT, 1934

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 11 Mar. 16	Jan. 11 Mar. 16	Armond Bareich Leo Trunko	23 22	Electrician Miner	Farmington Fairview	Midland Electric Coal Co. Galesburg Mining Co.	2		1				Electrocuted. Fall of slate.

ADAMS COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINE.							
1	Frank & John Totsch.....	Clayton.....	64	-----	-----	61	

BROWN COUNTY

LOCAL MINES.							
1	Shepard & Herren.....	Clayton.....	400	-----	-----	-----	400
2	J. G. Gross.....	Clayton.....	220	-----	-----	-----	220
3	Milton Howk.....	Mt. Sterling.....	200	-----	-----	-----	200
4	Chas. Redmond, Sr.....	Mt. Sterling.....	200	-----	-----	-----	200
5	A. L. Cruser.....	Mt. Sterling.....	160	-----	-----	-----	160
6	Clyde Kindhart & Dodd.....	Clayton.....	160	-----	-----	-----	120
7	Perry Merritt.....	Timewell.....	150	-----	-----	-----	147
8	George Riley.....	Versailles.....	147	-----	-----	-----	147
9	Alfred Krupps.....	Mt. Sterling.....	144	-----	-----	-----	144
10	John Klingler.....	Clayton.....	127	-----	-----	-----	127
11	J. B. McClary.....	Ripley.....	125	-----	-----	-----	75
12	Ellis & Walker.....	Golden.....	115	-----	-----	-----	115
13	Irwin Williams.....	Mt. Sterling.....	100	-----	-----	-----	100
14	A. Carpenter.....	Mt. Sterling.....	80	-----	-----	-----	80
15	L. W. Tournear.....	Clayton.....	80	-----	-----	-----	80
16	C. R. Thomas.....	Ripley.....	75	-----	-----	-----	75
17	Washburn & Hendricks.....	Ripley.....	75	-----	-----	-----	75
18	Thomas L. Henry.....	Mt. Sterling.....	69	-----	-----	-----	69
19	Leo Passlay.....	Golden.....	48	-----	-----	-----	48
20	Curtis Black.....	Mt. Sterling.....	40	-----	-----	-----	40
21	William Ingels.....	Mt. Sterling.....	40	-----	-----	-----	32
22	Art Klingler.....	Timewell.....	40	-----	-----	-----	40
23	Clemens Rang.....	Mt. Sterling.....	40	-----	-----	-----	40
24	Lib Hendricks.....	Timewell.....	32	-----	-----	-----	32
25	George Roberts.....	Mt. Sterling.....	32	-----	-----	-----	32
26	Lawrence Factor.....	Mt. Sterling.....	30	-----	-----	-----	30
27	Lisenbee Coal Co.....	Hersman.....	25	-----	-----	-----	25
28	James Shepard.....	Clayton.....	25	-----	-----	-----	25
29	Roy Taylor & Cletus Grafton.....	Mt. Sterling.....	22	-----	-----	-----	22
30	Francis R. Crooks.....	Mt. Sterling.....	15	-----	-----	-----	10
31	Frank Katzenburger.....	Clayton.....	12	-----	-----	-----	12
32	Leonard Roberts.....	Mt. Sterling.....	10	-----	-----	-----	10
33	Alfred Stinebaker.....	Mt. Sterling.....	10	-----	-----	-----	10
34	Roland McClain.....	Clayton.....	4	-----	-----	-----	4
34 local mines total.....			3,052	-----	-----	-----	2,946

FULTON COUNTY

SHIPPING MINES.							
1	Midland Electric Coal Corp., No. 2.....	Farmington.....	433,729	371,908	53,421	-----	-----
2	Truax-Traer Coal Co., "St. David".....	St. David.....	360,907	303,873	57,034	-----	-----
3	United Electric Coal Co., No. 9.....	Cuba.....	336,818	264,894	60,318	-----	-----
4	Dorthel Coal Co., No. 3.....	Farmington.....	165,211	74,074	88,728	-----	1,336
5	Blakley Coal Co.....	Canton.....	46,591	30,908	-----	-----	14,500

THIRD DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
5		2	60									64		1

THIRD DISTRICT.

		3	200									400		1
		4	125								220			2
		2	125								200			3
		2	60								200			4
		2	60	7							160			5
40		3	50									160		6
3		3	75								150			7
		3	75											8
		3	100	14							147			9
		1	150								144			10
		1	110								127			11
50		3	110								125			12
		2	38	8							115			13
		2	90									100		14
		4	20									80		15
		2	60									80		16
		2	45	3							75			17
		2	75								75			18
		3	62	5							69			19
		2	40									48		20
		4	20	1								40		21
8		1	80								40			22
		1	200								40			23
		1	30								40			24
		2	20									32		25
		2	60									32		26
		2	15									30		27
		1	25	2							25			28
		1	50								25			29
		2	20								22			30
5		1	15									15		31
		1	20								12			32
		1	10									10		33
		1	20									10		34
		1	6									4		
106		68	64	40							2,011	1,041		

THIRD DISTRICT.

4,104	4,296	148	274									433,729		1
		90	174				25,450					360,907		2
1,582	10,024	99	162	2,168		1,500	500					336,818		3
1,073		177	192	919	71,575			7	2	130,453	34,758		18	4
712	471	56	206		15,525			2	1	46,591			5	5

FULTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
6	Pschirrer & Sons.....	Canton.....	45,387	20,875	20,000	-----	4,512
7	Illinois Colliery Co.....	Farmington.....	40,653	27,831	7,800	-----	5,022
8	Canton Coal Co.....	Canton.....	35,905	19,640	15,270	-----	120
9	Dorthel Coal Co., No. 2.....	Farmington.....	18,867	4,623	13,643	-----	396
10	Sunnyside Coal Co.....	Cuba.....	11,743	1,348	-----	-----	10,395
11	Golden Rule Coal Co.....	Middlegrove.....	11,602	7,251	-----	-----	4,351
12	George Swords.....	Canton.....	9,440	4,440	-----	-----	5,000
13	E. A. Reed Coal Co.....	Canton.....	5,746	5,646	-----	-----	100
14	Living & Smith.....	Peoria.....	3,809	3,352	-----	-----	307
14 shipping mines total.....			1,526,408	1,140,663	316,214	-----	46,039
LOCAL MINES.			-----	-----	-----	-----	-----
1	Clearview Mine.....	Canton.....	17,462	-----	-----	-----	17,412
2	Westerby Bros.....	Farmington.....	12,115	-----	-----	-----	10,150
3	Geo. H. Stambaugh.....	Ipava.....	8,377	-----	-----	-----	8,377
4	Black Eagle Coal Co.....	Canton.....	8,110	-----	-----	-----	8,110
5	Quality Coal Co.....	Canton.....	5,450	-----	-----	-----	5,455
6	McGlaughlin Bros.....	Canton.....	5,418	-----	-----	-----	5,168
7	Spoon River Coal Co.....	London Mills.....	4,703	-----	-----	-----	4,003
8	Stevenson Bros.....	Ellisville.....	4,674	-----	-----	-----	4,474
9	White Ash Coal Co.....	Canton.....	4,409	-----	-----	-----	4,409
10	R. O. Livers.....	St. David.....	4,253	-----	-----	-----	4,253
11	T. E. Wilson.....	Summum.....	4,085	-----	-----	-----	4,085
12	Dallefeld Coal Co.....	Ellisville.....	3,875	-----	-----	-----	3,810
13	Glores Coal Co.....	Ellisville.....	3,538	-----	-----	-----	3,588
14	Thompson Bros.....	Canton.....	3,726	-----	-----	-----	3,726
15	Bob Coal Mine.....	Astoria.....	3,007	-----	-----	-----	2,460
16	Midway Coal Co.....	Canton.....	2,968	-----	-----	-----	2,968
17	Rapatee Coal Co.....	Farmington.....	2,569	-----	-----	-----	2,567
18	Avon Coal Co.....	Avon.....	2,321	-----	-----	-----	2,321
19	Buckheart Coal Co.....	Canton.....	2,255	-----	-----	-----	2,255
20	James W. Ley.....	Canton.....	2,244	-----	-----	-----	2,244
21	B. & M. Coal Co.....	Canton.....	2,236	-----	-----	-----	2,116
22	Glee Rockwell.....	Ipava.....	2,218	-----	-----	-----	2,218
23	West End Mine.....	Astoria.....	2,100	-----	-----	-----	2,100
24	John A. Haynes & Son.....	Canton.....	2,000	-----	-----	-----	2,000
25	Fred E. Lingenfelter & Sons.....	Canton.....	1,993	-----	-----	-----	1,993
26	A. E. Planque.....	Canton.....	1,582	-----	-----	-----	1,577
27	P. A. Drudi.....	Glasford.....	1,575	-----	-----	-----	1,575
28	Joe Bros.....	Norris.....	1,440	-----	-----	-----	1,240
29	Sugarville Coal Co.....	Canton.....	1,364	-----	-----	-----	1,364
30	John Kitzler Coal Co.....	Glasford.....	1,320	-----	-----	-----	1,320
31	Elmer Simpson.....	Cuba.....	1,319	-----	-----	-----	1,319
32	Tony Kanzlarich.....	Farmington.....	1,245	-----	-----	-----	800
33	A. M. Cozine.....	Lewistown.....	1,234	-----	-----	-----	1,224
34	Zaborac Bros.....	St. David.....	1,213	-----	-----	-----	1,200
35	Street Coal Co.....	Fairview.....	1,200	-----	-----	-----	1,200
36	Carl & Stanley Zaborac Coal Co.....	Canton.....	1,200	-----	-----	-----	1,200
37	Bedwell Bros.....	Glasford.....	1,164	-----	-----	-----	1,164
38	George Shubert Coal Co.....	Canton.....	1,123	-----	-----	-----	1,123
39	Albert Watson.....	Astoria.....	1,035	-----	-----	-----	1,035
40	Turkey Creek Mine.....	Norris.....	1,034	-----	-----	-----	1,002
41	Frank Brown.....	Bryant.....	1,033	-----	-----	-----	1,033
42	Geo. Baughman.....	Marietta.....	1,000	-----	-----	-----	1,000
43	Walter K. Clauson.....	Glasford.....	1,000	-----	-----	-----	1,000
44	Andrew Bennett.....	Bryant.....	950	-----	-----	-----	950
45	Zimmerman Coal Co.....	Smithfield.....	920	-----	-----	-----	920
46	Jerry Yocum & Sons.....	Lewistown.....	900	-----	-----	-----	900
47	Henry Herriford.....	Ipava.....	896	-----	-----	-----	896
48	Clark & Lightbody.....	Peoria.....	880	-----	-----	-----	880
49	Johnson & Delrach.....	St. David.....	800	-----	-----	-----	800
50	Geo. Hollandsworth.....	Canton.....	758	-----	-----	-----	755
51	Bordwine & Gofinch.....	Bryant.....	740	-----	-----	-----	740
52	Andrew Bennett.....	Bryant.....	700	-----	-----	-----	700

THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
—	—	48	125	403	7,500	100	—	3	1	45,387	—	—	7	6
—	—	85	112	882	642	—	—	2	1	27,427	13,226	—	6	7
875	—	284	46	503	—	—	—	14	5	35,905	—	—	21	8
205	—	129	54	92	3,875	—	—	4	2	18,867	—	—	16	9
—	—	28	217	270	7,000	—	—	—	—	—	11,743	—	2	10
—	—	13	269	—	2,100	—	—	1	—	—	—	—	2	11
—	—	6	282	98	—	10	—	—	—	—	—	9,440	—	12
—	—	15	195	287	—	—	—	—	2	—	5,746	—	1	13
150	—	5	95	2	100	475	—	—	—	—	—	3,809	—	14
8,701	14,791	1,183	172	5,624	108,317	2,085	25,950	33	14	316,232	65,473	1,144,703	78	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50	—	25	200	172	—	—	—	2	—	17,462	—	—	—	1
1,965	—	25	160	729	—	—	—	—	—	—	12,115	—	—	2
—	—	11	264	310	—	—	—	—	—	—	8,377	—	—	3
—	—	12	152	450	—	—	—	—	—	—	8,110	—	—	4
15	—	8	180	275	—	—	—	—	—	—	5,450	—	—	5
250	—	10	145	320	—	—	—	—	—	—	5,418	—	—	6
700	—	15	175	600	—	—	—	—	—	—	4,703	—	—	7
200	—	10	227	—	8,600	—	—	—	—	—	4,674	—	—	8
—	—	6	186	176	—	—	—	—	—	—	4,499	—	—	9
—	—	6	160	50	—	—	—	—	—	—	—	4,253	—	10
—	—	12	200	150	—	—	—	—	—	—	4,085	—	—	11
65	—	12	145	418	—	—	—	—	—	—	3,875	—	—	12
250	—	13	240	383	—	—	—	—	—	—	3,838	—	—	13
—	—	11	290	340	—	—	—	—	—	—	3,726	—	—	14
547	—	12	174	126	—	—	—	—	—	—	3,007	—	—	15
—	—	6	160	39	—	—	—	1	—	2,968	—	—	—	16
2	—	15	105	100	—	—	—	1	—	2,569	—	—	—	17
—	—	7	150	240	—	—	—	—	—	—	—	—	—	18
—	—	10	155	115	—	—	—	—	—	—	2,321	—	—	19
—	—	3	150	154	—	—	—	—	—	—	2,244	—	—	20
120	—	8	200	89	—	—	—	—	—	—	2,236	—	—	21
—	—	14	90	60	—	—	—	2	—	2,218	—	—	—	22
—	—	5	110	42	—	—	—	—	—	—	2,100	—	—	23
—	—	3	200	60	—	—	—	—	—	—	2,000	—	—	24
—	—	4	180	45	—	—	—	—	—	—	1,993	—	—	25
5	—	4	209	79	—	—	—	—	—	—	1,582	—	—	26
—	—	5	260	160	—	—	—	—	—	—	1,575	—	—	27
200	—	9	140	80	—	—	—	—	—	—	1,440	—	—	28
—	—	8	132	92	—	—	—	—	—	—	1,364	—	—	29
—	—	8	93	97	—	—	—	—	—	—	1,320	—	—	30
—	—	3	286	65	—	—	—	—	—	—	1,319	—	—	31
445	—	4	120	83	—	—	—	—	—	—	1,245	—	—	32
10	—	2	125	26	—	—	—	—	—	—	—	1,234	—	33
13	—	2	185	56	—	—	—	—	—	—	—	—	—	34
—	—	6	100	80	—	—	—	—	—	—	1,213	—	—	35
—	—	3	160	—	900	—	—	—	—	—	1,200	—	—	36
—	—	4	130	60	—	—	—	—	—	—	1,164	—	—	37
—	—	3	140	54	—	—	—	—	—	—	1,123	—	—	38
—	—	7	67	—	—	—	—	—	—	—	1,035	—	—	39
32	—	8	97	95	—	—	—	—	—	—	1,034	—	—	40
—	—	3	215	—	1,200	—	—	—	—	—	1,033	—	—	41
—	—	4	200	—	300	—	—	—	—	—	1,000	—	—	42
—	—	8	120	40	—	—	—	—	—	—	1,000	—	—	43
—	—	5	115	40	—	—	—	—	—	—	950	—	—	44
—	—	7	150	62	—	—	—	—	—	—	920	—	—	45
—	—	6	170	81	—	—	—	—	—	—	900	—	—	46
—	—	4	180	65	—	—	—	—	—	—	896	—	—	47
—	—	3	180	59	—	—	—	—	—	—	880	—	—	48
—	—	3	156	42	—	—	—	—	—	—	800	—	—	49
3	—	2	200	—	2,050	—	—	—	—	—	758	—	—	50
—	—	4	85	57	—	—	—	—	—	—	740	—	—	51
—	—	2	56	32	—	—	—	—	—	—	700	—	—	52

FULTON COUNTY

Number	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
53	Rice Lake Coal Co.	Glasford.	680				680
54	Logan Whitehead.	Lewistown.	654				654
55	Carl Richards.	Canton.	624				624
56	Malmgren & Bitner.	Glasford.	560				560
57	Jack Zaborac.	Cuba.	552				552
58	August Von Ach.	Cuba.	543				543
59	H. B. Brush.	Marietta.	536				536
60	E. M. Reynolds Coal Co.	Canton.	525				500
61	V. O. Dudley & Wells.	Canton.	520				520
62	John Beggi.	Farmington.	514				514
63	John Cimo.	Lewistown.	514				514
64	John Frasco.	Canton.	485				485
65	Geo. W. Deary.	Lewistown.	480				480
66	Willard Mellert.	Canton.	473				473
67	Pheasant & E. Roth.	Fairview.	461				449
68	Stokes & Conway.	Canton.	443				443
69	Lundquist & Taylor.	Lewistown.	431				431
70	Joe Davis.	Astoria.	400				400
71	Tom Jenkins.	Cuba.	400				400
72	Sam Cook.	Astoria.	390				390
73	Tatter Holler Coal Co.	Avon.	375				375
74	Joe DuFour & Son.	Fairview.	336				336
75	Stockham & Mason.	Cuba.	335				335
76	Peter Karlovich & Son.	St. David.	325				275
77	W. A. McCone.	Fairview.	325				325
78	Hendee Bros.	Havana.	320				320
79	Ketcham Coal Co.	Canton.	317				317
80	Phillip Franciscovich.	Canton.	311				261
81	George C. Bobo.	Breeds.	300				300
82	Chas. Dilts & Son.	Fiatt.	300				300
83	Shaffer & Thompson.	Astoria.	288				288
84	Sheldon C. Lingenfelter.	Canton.	285				285
85	Stremmel Coal Co.	Astoria.	284				284
86	Joe Elias & Co.	Fairview.	279				229
87	Frank Newburn.	Cuba.	275				265
88	Jess Barker.	Cuba.	270				270
89	C. J. Langstaff.	Canton.	260				260
90	J. A. Daniels.	Fiatt.	250				250
91	Marion Stufflebeam.	St. David.	240				240
92	Fred Dawson.	Ipava.	226				226
93	Charley Raker.	Lewistown.	225				225
94	Engle Bros.	Cuba.	218				218
95	Elmer Allen.	Lewistown.	216				216
96	E. H. Brooks.	Fairview.	200				200
97	Clarence Danner.	Astoria.	200				200
98	Tiber Creek Coal Co.	Glasford.	200				198
99	A. H. Dudley & F. Baker.	Glasford.	190				190
100	Elzie Wrestler.	Summun.	190				190
101	Arthur Blagden.	Avon.	184				184
102	John Brooks.	Cuba.	180				180
103	Frank Lee & Son.	Canton.	172				172
104	R. R. Hubbs.	Summun.	160				160
105	Lewis Paul.	Fairview.	160				160
106	J. Grindie & Son.	Cuba.	150				150
107	C. F. Roden.	Cuba.	150				140
108	Economy Coal Co.	Canton.	141				141
109	Frank Tink.	Canton.	139				139
110	Chasteen Coal Co.	Ellisville.	125				125
111	J. T. Johnson.	Canton.	110				110
112	Chaddock & Lightle.	Bryant.	105				105
113	Dorich Bros.	Canton.	105				105
114	Wm. Ackerson.	Cuba.	100				100
115	Gardie Petters.	Lewistown.	96				96
116	Jack Wagstaff.	Marietta.	85				80
117	John Bruketa.	Farmington.	80				80
118	Gagg & Gelmore.	Cuba.	80				80

THIRD DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
.....	5	200	55	.....	.....	.....	.....	.....	.....	680	.....	.....	53
.....	3	90	30	.....	.....	.....	.....	.....	.....	654	.....	.....	54
.....	1	131	26	.....	.....	.....	.....	.....	.....	624	.....	.....	55
.....	3	120	32	.....	.....	.....	.....	.....	.....	560	.....	.....	56
.....	12	57	69	.....	.....	.....	.....	.....	.....	552	.....	.....	57
.....	12	110	32	.....	.....	.....	.....	.....	.....	543	.....	.....	58
.....	3	164	42	.....	.....	.....	.....	.....	.....	536	.....	.....	59
.....	4	192	55	.....	.....	.....	.....	.....	.....	525	.....	.....	60
25	5	100	52	.....	.....	.....	.....	.....	.....	520	.....	.....	61
.....	4	190	78	.....	.....	.....	.....	.....	.....	514	.....	.....	62
.....	3	200	38	.....	.....	.....	.....	.....	.....	514	.....	.....	63
.....	3	120	31	.....	.....	.....	.....	.....	.....	485	.....	.....	64
.....	12	140	25	.....	.....	.....	.....	.....	.....	480	.....	.....	65
.....	12	161	43	.....	.....	.....	.....	.....	.....	473	.....	.....	66
12	6	78	29	.....	.....	.....	.....	.....	.....	461	.....	.....	67
.....	5	122	28	.....	.....	.....	.....	.....	.....	443	.....	.....	68
.....	3	144	49	.....	.....	.....	.....	.....	.....	431	.....	.....	69
.....	5	220	40	.....	.....	.....	.....	.....	.....	400	.....	.....	70
.....	5	108	50	.....	.....	.....	.....	.....	.....	400	.....	.....	71
.....	12	120	20	.....	.....	.....	.....	.....	.....	390	.....	.....	72
.....	3	180	23	.....	.....	.....	.....	.....	.....	375	.....	.....	73
.....	4	200	35	.....	.....	.....	.....	.....	.....	336	.....	.....	74
.....	4	75	22	.....	.....	.....	.....	.....	.....	335	.....	.....	75
50	12	85	25	.....	.....	.....	.....	.....	.....	325	.....	.....	76
.....	12	180	27	.....	.....	.....	.....	.....	.....	325	.....	.....	77
.....	12	220	26	.....	.....	.....	.....	.....	.....	320	.....	.....	78
.....	3	48	14	.....	.....	.....	.....	.....	.....	317	.....	.....	79
50	2	216	22	.....	.....	.....	.....	.....	.....	311	.....	.....	80
.....	2	21	7	.....	.....	.....	.....	.....	.....	300	.....	.....	81
.....	3	120	17	.....	.....	.....	.....	.....	.....	300	.....	.....	82
.....	3	160	16	.....	.....	.....	.....	.....	.....	288	.....	.....	83
.....	2	30	7	.....	.....	.....	.....	.....	.....	285	.....	.....	84
.....	4	60	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	85
50	6	45	39	.....	.....	.....	.....	.....	.....	279	284	.....	86
10	12	180	20	.....	.....	.....	.....	.....	.....	275	.....	.....	87
.....	12	150	26	.....	.....	.....	.....	.....	.....	270	.....	.....	88
.....	12	67	38	.....	.....	.....	.....	.....	.....	260	.....	.....	89
.....	12	125	10	.....	.....	.....	.....	.....	.....	250	.....	.....	90
.....	3	90	16	.....	.....	.....	.....	.....	.....	240	.....	.....	91
.....	3	120	12	.....	.....	.....	.....	.....	.....	226	.....	.....	92
.....	12	90	27	.....	.....	.....	.....	.....	.....	225	.....	.....	93
.....	12	70	8	.....	.....	.....	.....	.....	.....	218	.....	.....	94
.....	1	90	20	.....	.....	.....	.....	.....	.....	216	.....	.....	95
.....	12	64	12	.....	.....	.....	.....	.....	.....	200	.....	.....	96
.....	3	80	10	.....	.....	.....	.....	.....	.....	200	.....	.....	97
.....	3	40	10	.....	.....	.....	.....	.....	.....	200	.....	.....	98
.....	12	100	49	.....	.....	.....	.....	.....	.....	190	.....	.....	99
.....	12	90	10	.....	.....	.....	.....	.....	.....	190	.....	.....	100
.....	4	120	20	.....	.....	.....	.....	.....	.....	184	.....	.....	101
.....	12	70	10	.....	.....	.....	.....	.....	.....	180	.....	.....	102
.....	4	120	15	.....	.....	.....	.....	.....	.....	172	.....	.....	103
.....	1	60	8	.....	.....	.....	.....	.....	.....	160	.....	.....	104
.....	2	40	7	.....	.....	.....	.....	.....	.....	160	.....	.....	105
.....	12	125	10	.....	.....	.....	.....	.....	.....	150	.....	.....	106
.....	4	40	10	.....	.....	.....	.....	.....	.....	150	.....	.....	107
10	12	181	12	.....	.....	.....	.....	.....	.....	141	.....	.....	108
.....	12	90	12	.....	.....	.....	.....	.....	.....	139	.....	.....	109
.....	1	60	7	.....	.....	.....	.....	.....	.....	125	.....	.....	110
.....	1	55	8	.....	.....	.....	.....	.....	.....	110	.....	.....	111
.....	3	50	12	.....	.....	.....	.....	.....	.....	105	.....	.....	112
.....	3	43	9	.....	.....	.....	.....	.....	.....	105	.....	.....	113
.....	3	35	7	.....	.....	.....	.....	.....	.....	100	.....	.....	114
.....	1	78	7	.....	.....	.....	.....	.....	.....	96	.....	.....	115
5	12	40	.....	.....	.....	.....	.....	.....	.....	85	.....	.....	116
.....	12	100	20	.....	.....	.....	.....	.....	.....	80	.....	.....	117
.....	12	100	8	.....	.....	.....	.....	.....	.....	80	.....	.....	118

FULTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
119	R. Gooden.....	Lewistown.....	80	-----	-----	-----	80
120	Bill Severns.....	Marietta.....	80	-----	-----	-----	80
121	Tony Starcenich & Son.....	Canton.....	80	-----	-----	-----	75
122	Allen English.....	Marietta.....	60	-----	-----	-----	60
123	DeLoss Thompson.....	Ipava.....	57	-----	-----	-----	57
124	Nicfor Benac.....	Cuba.....	56	-----	-----	-----	56
125	Theodore Anderson.....	Marietta.....	50	-----	-----	-----	50
126	H. H. Bitner.....	Glasford.....	50	-----	-----	-----	50
127	John Ealy.....	Marietta.....	48	-----	-----	-----	48
128	M. Libby Coal Mine.....	Canton.....	40	-----	-----	-----	40
129	Arthur Phelps.....	Marietta.....	40	-----	-----	-----	40
130	Frank English.....	Marietta.....	36	-----	-----	-----	36
131	J. B. Dubois.....	Farmington.....	28	-----	-----	-----	28
132	D. G. Caplinger.....	Cuba.....	20	-----	-----	-----	20
133	Hart & James.....	Marietta.....	16	-----	-----	-----	16
134	W. P. Ackerson.....	Marietta.....	12	-----	-----	-----	12
135	North Smith.....	Marietta.....	10	-----	-----	-----	10
135 local mines total.....			166,841	-----	-----	-----	161,750
149 all mines total.....			1,693,249	1,140,663	316,214	-----	207,789

HANCOCK COUNTY

LOCAL MINES.						
1	Low Ash Coal Mine.....	Augusta.....	842	-----	-----	842
2	Andra Martin.....	Augusta.....	500	-----	-----	500
3	C. H. Ellis & Son.....	Augusta.....	450	-----	-----	450
4	F. E. Merideth & Son.....	Augusta.....	430	-----	-----	430
5	Eddie Hiland.....	Augusta.....	400	-----	-----	400
6	A. E. Roberts.....	Augusta.....	126	-----	-----	120
6 local mines total.....			2,748	-----	-----	2,742

KNOX COUNTY

SHIPPING MINE.						
1	Galesburg Mining Co., No. 1.....	Galesburg.....	311,751	22,510	213,520	72,415
LOCAL MINES.						
1	Knoxville Mining Co.....	Knoxville.....	48,758	-----	-----	47,258
2	Bowman Coal Co.....	Yates City.....	2,576	-----	-----	2,576
3	A. A. Humphreys.....	Knoxville.....	2,430	-----	-----	2,000
4	Howard Collier.....	Fiatt.....	2,000	-----	-----	2,000
5	Homer Morse, No. 1.....	Maquon.....	1,637	-----	-----	1,637
6	Ed Boostrom.....	Victoria.....	1,310	-----	-----	1,310
7	Lockett Coal Co.....	Monmouth.....	1,279	-----	-----	1,179
8	Gavin Graham Coal Co.....	Middlegrove.....	1,225	-----	-----	1,225
9	Charlie Johnson.....	Oneida.....	1,200	-----	-----	1,200
10	J. F. Morse.....	Maquon.....	1,152	-----	-----	1,152
11	Hugh King.....	Victoria.....	1,071	-----	-----	1,071
12	Salem Anderson.....	Middlegrove.....	1,000	-----	-----	1,000
13	L. S. Purviance.....	Middlegrove.....	1,000	-----	-----	1,000
14	Wm. Mertz.....	Maquon.....	932	-----	-----	932

THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	1	20	5	-----	-----	-----	-----	-----	-----	80	-----	-----	119
-----	-----	12	45	3	-----	-----	-----	-----	-----	-----	80	-----	-----	120
5	-----	12	100	10	-----	-----	-----	-----	-----	-----	80	-----	-----	121
-----	-----	12	30	5	-----	-----	-----	-----	-----	-----	60	-----	-----	122
-----	-----	1	110	12	-----	-----	-----	-----	-----	-----	57	-----	-----	123
-----	-----	1	50	4	-----	-----	-----	-----	-----	-----	56	-----	-----	124
-----	-----	1	90	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	125
-----	-----	1	18	4	-----	-----	-----	-----	-----	-----	50	-----	-----	126
-----	-----	1	24	2	-----	-----	-----	-----	-----	-----	48	-----	-----	127
-----	-----	12	20	2	-----	-----	-----	-----	-----	-----	40	-----	-----	128
-----	-----	12	40	4	-----	-----	-----	-----	-----	-----	40	-----	-----	129
-----	-----	12	40	8	-----	-----	-----	-----	-----	-----	36	-----	-----	130
-----	-----	1	30	3	-----	-----	-----	-----	-----	-----	28	-----	-----	131
-----	-----	1	12	2	-----	-----	-----	-----	-----	-----	20	-----	-----	132
-----	-----	2	20	-----	-----	-----	-----	-----	-----	-----	16	-----	-----	133
-----	-----	2	12	-----	-----	-----	-----	-----	-----	-----	12	-----	-----	134
-----	-----	1	25	-----	-----	-----	-----	-----	-----	-----	10	-----	-----	135
5,091	-----	598	121	8,560	13,050	-----	-----	6	-----	25,217	135,853	5,771	-----	-----
13,792	14,791	1,781	126	14,184	121,367	2,085	25,950	39	14	341,449	201,326	1,150,474	78	-----

THIRD DISTRICT.

-----	-----	9	26	-----	-----	-----	-----	-----	-----	-----	842	-----	1
-----	-----	5	130	30	-----	-----	-----	-----	-----	-----	500	-----	2
-----	-----	7	156	45	-----	-----	-----	-----	-----	-----	450	-----	3
-----	-----	5	100	20	-----	-----	-----	-----	-----	-----	430	-----	4
-----	-----	6	230	-----	-----	-----	-----	-----	-----	-----	400	-----	5
6	-----	4	100	-----	-----	-----	-----	-----	-----	-----	126	-----	6
6	-----	36	124	95	-----	-----	-----	-----	-----	-----	1,906	842	-----

THIRD DISTRICT.

816	2,490	295	225	4,554	-----	-----	12	5	302,807	8,944	-----	35	1
1,500	-----	62	260	388	-----	-----	1	-----	48,758	-----	-----	-----	1
-----	-----	7	108	200	-----	-----	-----	-----	-----	2,576	-----	-----	2
430	-----	6	306	125	-----	-----	-----	-----	-----	2,430	-----	-----	3
-----	-----	5	100	200	-----	-----	-----	-----	-----	2,000	-----	-----	4
-----	-----	4	120	82	-----	-----	-----	-----	-----	1,637	-----	-----	5
-----	-----	10	180	-----	-----	-----	-----	-----	-----	1,310	-----	-----	6
100	-----	12	66	120	-----	-----	-----	-----	-----	1,279	-----	-----	7
-----	-----	7	118	107	-----	-----	-----	-----	-----	1,225	-----	-----	8
-----	-----	5	150	-----	-----	-----	-----	-----	-----	1,200	-----	-----	9
-----	-----	4	200	100	-----	-----	-----	-----	-----	1,152	-----	-----	10
-----	-----	4	200	-----	-----	-----	-----	-----	-----	1,071	-----	-----	11
-----	-----	5	100	75	-----	-----	-----	-----	-----	1,000	-----	-----	12
-----	-----	10	75	100	-----	-----	-----	-----	-----	1,000	-----	-----	13
-----	-----	3	116	77	-----	-----	-----	-----	-----	932	-----	-----	14

KNOX COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
15	C. R. Dimmick.....	Victoria.....	641	.....	.....	.....	637
16	Claude Love.....	Farmington.....	552	.....	.....	.....	552
17	Fitzpatrick & Anderson.....	Middlegrove.....	496	.....	.....	.....	496
18	Jake Hubbell.....	Middlegrove.....	493	.....	.....	.....	493
19	Chas. Linn.....	Victoria.....	480	.....	.....	.....	480
20	Walch & Son.....	Williamsfield.....	480	.....	.....	.....	474
21	Forrest Brown.....	Abingdon.....	450	.....	.....	.....	450
22	Phillips Coal Co.....	Farmington.....	450	.....	.....	.....	325
23	Ed. Larner, No. 1.....	Victoria.....	425	.....	.....	.....	425
24	Olof Lindbeck.....	Wataga.....	375	.....	.....	.....	375
25	Wm. Charnock.....	Knoxville.....	315	.....	.....	.....	308
26	Westfall Bros.....	Knoxville.....	310	.....	.....	.....	300
27	Hockstrom Bros.....	Victoria.....	300	.....	.....	.....	300
28	H. L. Naslund & Heflin.....	Victoria.....	300	.....	.....	.....	290
29	Erick Strom.....	Victoria.....	300	.....	.....	.....	300
30	Hayes Dalton.....	Galesburg.....	248	.....	.....	.....	173
31	Leonard Stegall.....	Oneida.....	215	.....	.....	.....	215
32	Tom King.....	Victoria.....	180	.....	.....	.....	180
33	W. J. Scott.....	Knoxville.....	150	.....	.....	.....	150
34	William H. Norton.....	Farmington.....	120	.....	.....	.....	120
35	Orval Benett.....	Herman.....	112	.....	.....	.....	112
36	Chas. Borrell.....	Delong.....	100	.....	.....	.....	100
37	Miles O. Smith.....	Galesburg.....	100	.....	.....	.....	100
38	Homer Morse, No. 2.....	Maquon.....	98	.....	.....	.....	98
39	Henry Sprinkle.....	Herman.....	80	.....	.....	.....	75
40	Winchell Coal Co.....	Abingdon.....	67	.....	.....	.....	67
41	Chas. Murphey.....	Victoria.....	60	.....	.....	.....	60
42	A. A. Bangston.....	Wataga.....	50	.....	.....	.....	50
43	Clyde Wager.....	Victoria.....	50	.....	.....	.....	50
44	Will Weedman.....	Victoria.....	50	.....	.....	.....	50
45	A. O. McNaught.....	Victoria.....	48	.....	.....	.....	48
46	Geo. Seerist.....	Victoria.....	40	.....	.....	.....	40
47	Wm. Stuckey.....	Galesburg.....	40	.....	.....	.....	40
48	Peter Nordlund.....	Oneida.....	20	.....	.....	.....	20
49	Heywood Thurman.....	Delong.....	20	.....	.....	.....	20
50	Nora O'Brien.....	Victoria.....	16	.....	.....	.....	16
51	Henry Larson.....	Wataga.....	10	.....	.....	.....	10
51 local mines total.....			75,811	.....	.....	.....	73,539
52 all mines total.....			387,562	22,510	213,520	.....	145,954

MC DONOUGH COUNTY

LOCAL MINES.						
1	Baird Coal Co.....	Colchester.....	2,171	.....	.....	2,171
2	Thos. T. Baird.....	Colchester.....	2,150	.....	.....	2,150
3	John Nelson.....	Colchester.....	800	.....	.....	800
4	Ralph Greenbank.....	Colchester.....	459	.....	.....	459
5	W. E. Lindsey.....	Industry.....	362	.....	.....	362
6	Frank Fox & Co.....	Colchester.....	350	.....	.....	350
7	Windsor Coal & Clay Co.....	Colchester.....	325	.....	.....	317
8	Booth & Kipling.....	Colchester.....	320	.....	.....	320
9	Herman Vogler.....	Macomb.....	282	.....	.....	282
10	Elmer W. Miller.....	Macomb.....	238	.....	.....	238
11	P. F. Whalen.....	Colchester.....	235	.....	.....	235
12	J. Mordue & Son.....	Colchester.....	230	.....	.....	230
13	Booth & Bexson.....	Colchester.....	200	.....	.....	200
14	Chas. Wilson.....	Colchester.....	200	.....	.....	200
15	Fentem Bros.....	Colchester.....	190	.....	.....	190

THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4		4	175								641			15
		3	135	53							552			16
		4	100	99							496			17
		4	140	50							493			18
		4	120								480			19
6		8	110								480			20
		5	100									450		21
125		9	90	125							450	450		22
		6	180								425			23
		12	180								375			24
7		12	170								315			25
10		12	152								310			26
		3	120								300			27
10		6	120								300			28
		4	100								300			29
75		2	61	2								248		30
		4	125								215			31
		2	90								180			32
		12	60	7							150			33
		1	60									120		34
		1	140	7							112			35
		1	100								100			36
		3	30	6							100			37
		3	45	4							98			38
5		2	90								80			39
		3	100								67			40
		3	60								60			41
		12	100								50			42
		12	30								50			43
		12	20								50			44
		3	30								48			45
		12	20								40			46
		4	30								40			47
		3	10								20			48
		2	20								20			49
		1	20								16			50
		1	30								10			51
2,272		259	105	1,927				1		48,758	26,235	818		
3,088	2,490	554	107	6,481				13	5	351,565	35,179	818	35	

THIRD DISTRICT.

		10	100									2,171		1
		12	130								2,150			2
		3	180								800			3
		2	212								459			4
		5	131									362		5
		6	100								350			6
8		12	40								325			7
		2	200								320			8
		4	60								282			9
		2	169								238			10
		3	95								235			11
		4	83								230			12
		3	65								200			13
		2	100								200			14
		2	120								190			15

MCDONOUGH COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
16	Amos Atkinson.....	Colchester.....	175	-----	-----	-----	175
17	Beal & Stookey.....	Colchester.....	153	-----	-----	-----	129
18	Alla Vawter.....	Colchester.....	150	-----	-----	-----	150
19	Robert B. Miller.....	Macomb.....	144	-----	-----	-----	144
20	Waddill Bros.....	Tennessee.....	136	-----	-----	-----	136
21	Ed Zinn.....	Industry.....	134	-----	-----	-----	134
22	Chas. Zimkoskie Bros.....	Birmingham.....	100	-----	-----	-----	100
23	J. C. McGrann.....	Colchester.....	84	-----	-----	-----	84
24	I. L. Willey.....	Macomb.....	58	-----	-----	-----	58
25	Thomas Stoker.....	Industry.....	56	-----	-----	-----	56
26	Earl Bunt.....	Colchester.....	50	-----	-----	-----	50
27	Kilgore & Co.....	Colchester.....	50	-----	-----	-----	50
28	McClure & Mourning.....	Colchester.....	50	-----	-----	-----	50
29	Wm. Whalen & Fred Flack.....	Colchester.....	40	-----	-----	-----	40
30	Thomas Atkinson.....	Colchester.....	36	-----	-----	-----	36
31	Arthur Vawter.....	Colchester.....	32	-----	-----	-----	32
32	Frank Kipling.....	Colchester.....	25	-----	-----	-----	25
33	Geo. Teel.....	Macomb.....	25	-----	-----	-----	25
34	W. J. Haines.....	Industry.....	22	-----	-----	-----	22
35	B. F. Murray.....	Colchester.....	20	-----	-----	-----	20
36	Frank Nelson.....	Colchester.....	20	-----	-----	-----	20
	36 local mines total.....		10,072	-----	-----	-----	10,040

SCHUYLER COUNTY

LOCAL MINES.						
1	Big Four Coal Co.....	Rushville.....	14,673	-----	-----	14,303
2	A. H. McCormick & Sons.....	Rushville.....	6,326	-----	-----	6,326
3	Morrell & Beebe.....	Rushville.....	4,816	-----	-----	4,816
4	Wheelhouse & Son.....	Rushville.....	4,320	-----	-----	4,320
5	Littledog Coal Co.....	Rushville.....	3,000	-----	-----	3,000
6	Economy Coal Co.....	Rushville.....	2,716	-----	-----	2,716
7	Stroup & Son.....	Littleton.....	2,005	-----	-----	2,005
8	Chas. Hendricks.....	Frederick.....	1,200	-----	-----	1,200
9	Rebman & Gibson.....	Rushville.....	1,200	-----	-----	1,200
10	John Marine.....	Rushville.....	1,000	-----	-----	1,000
11	Square Deal Coal Co.....	Littleton.....	700	-----	-----	700
12	Archie Shanks.....	Littleton.....	676	-----	-----	676
13	C. A. Tomlinson.....	Rushville.....	608	-----	-----	608
14	Caldwells Mine.....	Industry.....	600	-----	-----	600
15	Clyde Sprinkle.....	Littleton.....	600	-----	-----	600
16	Clyde Vincent.....	Ray.....	500	-----	-----	500
17	W. B. Baxter.....	Birmingham.....	425	-----	-----	425
18	Delmar Addams.....	Littleton.....	400	-----	-----	400
19	John S. Miller.....	McComb.....	375	-----	-----	375
20	Chas. Butler.....	Astoria.....	360	-----	-----	360
21	Alonzo Clark.....	Birmingham.....	300	-----	-----	300
22	Warren Dennis.....	Birmingham.....	300	-----	-----	300
23	F. E. Mendeth, No. 1.....	Augusta.....	275	-----	-----	275
24	Fred Phillips.....	Rushville.....	250	-----	-----	250
25	Velt Cleavinger.....	Littleton.....	240	-----	-----	230
26	O. F. Addington.....	Industry.....	240	-----	-----	235
27	Frank F. Hendricks.....	Rushville.....	200	-----	-----	200
28	Kenneth Moore.....	Rushville.....	200	-----	-----	200
29	E. E. Rining.....	Frederick.....	200	-----	-----	200
30	F. E. Mendeth & Son, No. 2.....	Golden.....	190	-----	-----	190
31	Dick Stotler.....	Littleton.....	190	-----	-----	190
32	J. W. Stafford.....	Ray.....	150	-----	-----	150
33	Chas. Dupee.....	Rushville.....	140	-----	-----	140

THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
24		12	70								175			16
		100	100								153			17
		110	110								150			18
		120	120								144			19
		100	100								136			20
		100	100								134			21
		60	60								100			22
		1	50								84			23
		1	30								58			24
		1	75								56			25
		1	75								50			26
		1	50								50			27
		12	40								50			28
		1	20								40			29
		1	30									36		30
		1	50								32			31
		12	40								25			32
		12	35								25			33
		12	75								22			34
		1	25								20			35
		2	20								20			36
32		106	86								7,503	2,569		

THIRD DISTRICT.

370	16	290	918								14,673			1
	7	300	525								6,326			2
	11	210	516								4,816			3
	10	200	420								4,320			4
	11	175	150								3,000			5
	11	100	29									2,716		6
	15	120									2,005			7
	10	200										1,200		8
	9	150	90								1,200			9
	3	250	50								1,000			10
	5	100	40								700			11
	5	190	21								676			12
	6	60	30								608			13
	8	100	30								600			14
	3	150	60								600			15
	5	200	30								500			16
	3	150									425			17
	4	150									400			18
	5	100									375			19
	2	100										300		20
	2	60									300			21
	2	175									300			22
	2	200	5								275			23
	4	60										250		24
	10	120									240			25
5	6	119	25								240			26
	1	100	10								200			27
	4	100	15								200			28
	2	60	20								200			29
	4	60									190			30
	2	115									190			31
	2	90	10								150			32
	1	100	7								140			33

SCHUYLER COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
34	Roderick Carr & Son.....	Frederick.....	123	-----	-----	-----	123
35	Joshua Knows.....	Rushville.....	123	-----	-----	-----	123
36	Dan Auten.....	Macomb.....	100	-----	-----	-----	100
37	A. W. Overhake.....	Golden.....	100	-----	-----	-----	100
38	Chas. F. Pershing.....	Littleton.....	100	-----	-----	-----	100
39	Harry Stroop.....	Browning.....	100	-----	-----	-----	100
40	Clifford Spillers.....	Rushville.....	98	-----	-----	-----	98
41	Ivan Derry.....	Birmingham.....	91	-----	-----	-----	91
42	Russell Richey.....	Rushville.....	85	-----	-----	-----	85
43	Louis Lambert.....	Golden.....	70	-----	-----	-----	70
44	Homer Skiles.....	Ray.....	70	-----	-----	-----	70
45	Russel Lowderbach.....	Huntsville.....	60	-----	-----	-----	60
46	Elmer Trone.....	Browning.....	55	-----	-----	-----	55
47	Dewey Frisbee Coal Co.....	Industry.....	50	-----	-----	-----	50
48	Earl Kuhn & Chockley.....	Camden.....	40	-----	-----	-----	40
49	Monroe Pershing.....	Birmingham.....	40	-----	-----	-----	40
50	Wes Cagle.....	Rushville.....	35	-----	-----	-----	35
51	Raymond Jett.....	Rushville.....	25	-----	-----	-----	25
52	Joe Purdy.....	Rushville.....	25	-----	-----	-----	25
53	Sugar Grove Coal Co.....	Astoria.....	25	-----	-----	-----	25
54	H. H. Hughes.....	Rushville.....	20	-----	-----	-----	20
55	John Jones.....	Ray.....	20	-----	-----	-----	20
56	Walter Reeder.....	Rushville.....	20	-----	-----	-----	20
57	Ray Pitman.....	Golden.....	18	-----	-----	-----	18
58	Bowman & McCullough.....	Littleton.....	15	-----	-----	-----	14
59	Phillips Bros.....	Ray.....	9	-----	-----	-----	9
60	W. J. Ketchum.....	Golden.....	5	-----	-----	-----	5
60 local mines total.....			50,897	-----	-----	-----	50,511

WARREN COUNTY

LOCAL MINES.						
1	George Baker.....	Alexis.....	4,067	-----	-----	3,867
2	D. L. Howard.....	Alexis.....	1,566	-----	-----	1,566
3	Bailey, Sharp & Lytle.....	Alexis.....	888	-----	-----	888
4	Earl J. Bailey.....	Gerlaw.....	485	-----	-----	477
5	A. E. Manuel & Son.....	Roseville.....	341	-----	-----	336
6	G. W. Howard.....	St. Augustine.....	318	-----	-----	318
7	Clayton Bros.....	Avon.....	250	-----	-----	250
8	S. W. Wallingford.....	Roseville.....	240	-----	-----	240
9	Guy Clayton.....	Avon.....	212	-----	-----	212
10	Lon Bryner.....	Roseville.....	180	-----	-----	180
11	John, Roy & Clinton Taylor.....	Monmouth.....	80	-----	-----	78
12	Romine Bros.....	Monmouth.....	50	-----	-----	50
12 local mines total.....			8,677	-----	-----	8,462

THIRD DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	2	75	9	-----	-----	-----	-----	-----	-----	123	-----	-----	34
-----	-----	1	60	-----	-----	-----	-----	-----	-----	-----	123	-----	-----	35
-----	-----	2	60	-----	-----	-----	-----	-----	-----	-----	100	-----	-----	36
-----	-----	2	60	-----	-----	-----	-----	-----	-----	-----	100	-----	-----	37
-----	-----	2	60	-----	-----	-----	-----	-----	-----	-----	100	-----	-----	38
-----	-----	2	140	8	-----	-----	-----	-----	-----	-----	100	-----	-----	39
-----	-----	2	75	-----	-----	-----	-----	-----	-----	-----	-----	100	-----	40
-----	-----	1	70	4	-----	-----	-----	-----	-----	-----	98	-----	-----	41
-----	-----	2	41	3	-----	-----	-----	-----	-----	-----	91	-----	-----	42
-----	-----	2	60	4	-----	-----	-----	-----	-----	-----	85	-----	-----	43
-----	-----	1	95	-----	-----	-----	-----	-----	-----	-----	70	-----	-----	44
-----	-----	1	48	2	-----	-----	-----	-----	-----	-----	70	-----	-----	45
-----	-----	2	40	-----	-----	-----	-----	-----	-----	-----	-----	60	-----	46
-----	-----	2	60	-----	-----	-----	-----	-----	-----	-----	55	-----	-----	47
-----	-----	2	50	-----	-----	-----	-----	-----	-----	-----	-----	50	-----	48
-----	-----	2	60	-----	-----	-----	-----	-----	-----	-----	40	-----	-----	49
-----	-----	1	35	-----	-----	-----	-----	-----	-----	-----	-----	40	-----	50
-----	-----	2	60	3	-----	-----	-----	-----	-----	-----	35	-----	-----	51
-----	-----	1	100	-----	-----	-----	-----	-----	-----	-----	25	-----	-----	52
-----	-----	2	25	-----	-----	-----	-----	-----	-----	-----	-----	25	-----	53
-----	-----	5	5	2	-----	-----	-----	-----	-----	-----	25	-----	-----	54
-----	-----	2	30	-----	-----	-----	-----	-----	-----	-----	-----	20	-----	55
-----	-----	1	60	-----	-----	-----	-----	-----	-----	-----	20	-----	-----	56
-----	-----	3	100	2	-----	-----	-----	-----	-----	-----	20	-----	-----	57
-----	-----	1	30	-----	-----	-----	-----	-----	-----	-----	18	-----	-----	58
-----	-----	2	30	-----	-----	-----	-----	-----	-----	-----	15	-----	-----	59
-----	-----	2	10	-----	-----	-----	-----	-----	-----	-----	9	-----	-----	60
-----	-----	1	4	-----	-----	-----	-----	-----	-----	-----	5	-----	-----	60
380	-----	242	102	3,038	-----	-----	-----	-----	-----	-----	46,076	4,821	-----	-----

THIRD DISTRICT.

200	12	175	400	-----	-----	-----	-----	-----	-----	4,067	-----	-----	-----	1
-----	7	104	100	-----	-----	-----	-----	-----	-----	1,566	-----	-----	-----	2
-----	5	160	90	-----	-----	-----	-----	-----	-----	888	-----	-----	-----	3
8	2	225	-----	-----	-----	-----	-----	-----	-----	485	-----	-----	-----	4
5	4	108	-----	-----	-----	-----	-----	-----	-----	341	-----	-----	-----	5
-----	5	225	150	-----	-----	-----	-----	-----	-----	318	-----	-----	-----	6
-----	2	136	-----	-----	-----	-----	-----	-----	-----	250	-----	-----	-----	7
-----	3	100	-----	-----	-----	-----	-----	-----	-----	240	-----	-----	-----	8
-----	1	160	-----	-----	-----	-----	-----	-----	-----	212	-----	-----	-----	9
-----	3	90	-----	-----	-----	-----	-----	-----	-----	180	-----	-----	-----	10
2	3	90	-----	-----	-----	-----	-----	-----	-----	80	-----	-----	-----	11
-----	2	40	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	-----	12
215	49	134	740	-----	-----	-----	-----	-----	-----	8,677	-----	-----	-----	-----

THIRD DISTRICT, SHIPPING MINES

Counties.	Num-ber of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for ship-ment.	Sold to railroad com-panies.	Sup-plied to loco-motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Fulton.....	14	1,526,408	1,140,663	316,214	-----	46,039	8,701	14,791
Knox.....	1	311,751	22,510	213,520	-----	72,415	816	2,490
Total.....	15	1,838,159	1,163,173	529,734	-----	118,454	9,517	17,281

LOCAL MINES

Adams.....	1	64	-----	-----	-----	61	3	-----
Brown.....	34	3,052	-----	-----	-----	2,946	106	-----
Fulton.....	135	166,841	-----	-----	-----	161,750	5,091	-----
Hancock.....	6	2,748	-----	-----	-----	2,742	6	-----
Knox.....	51	75,811	-----	-----	-----	73,539	2,272	-----
McDonough.....	36	10,072	-----	-----	-----	10,040	32	-----
Schuyler.....	60	50,897	-----	-----	-----	50,511	386	-----
Warren.....	12	8,677	-----	-----	-----	8,462	215	-----
Total.....	335	318,162	-----	-----	-----	310,051	8,111	-----

ALL MINES

Adams.....	1	64	-----	-----	-----	61	3	-----
Brown.....	34	3,052	-----	-----	-----	2,946	106	-----
Fulton.....	149	1,693,249	1,140,663	316,214	-----	207,789	13,792	14,791
Hancock.....	6	2,748	-----	-----	-----	2,742	6	-----
Knox.....	52	387,562	22,510	213,520	-----	145,954	3,088	2,490
McDonough.....	36	10,072	-----	-----	-----	10,040	32	-----
Schuyler.....	60	50,897	-----	-----	-----	50,511	386	-----
Warren.....	12	8,677	-----	-----	-----	8,462	215	-----
Total.....	350	2,156,321	1,163,173	529,734	-----	428,505	17,628	17,281

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of maiming machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
1,183	172	5,624	108,317	2,085	25,950	33	14	316,232	65,473	1,144,703	78
295	225	4,554	-----	-----	-----	12	5	302,807	8,944	-----	35
1,478	175	10,178	108,317	2,085	25,950	45	19	619,039	74,417	1,144,703	113

THIRD DISTRICT.

2	60	-----	-----	-----	-----	-----	-----	-----	-----	64	-----
68	64	40	-----	-----	-----	-----	-----	2,011	1,041	-----	-----
598	121	8,560	13,050	-----	-----	6	-----	25,217	135,853	5,771	-----
36	124	95	-----	-----	-----	-----	-----	1,906	842	-----	-----
259	105	1,927	-----	-----	-----	1	-----	48,758	26,235	818	-----
106	86	-----	-----	-----	-----	-----	-----	7,503	2,569	-----	-----
242	102	3,038	-----	-----	-----	-----	-----	46,076	4,821	-----	-----
49	134	740	-----	-----	-----	-----	-----	8,677	-----	-----	-----
1,360	106	14,400	13,050	-----	-----	7	-----	73,975	228,261	15,926	-----

THIRD DISTRICT.

2	60	-----	-----	-----	-----	-----	-----	-----	-----	64	-----
68	64	40	-----	-----	-----	-----	-----	2,011	1,041	-----	-----
1,781	126	14,184	121,367	2,085	25,950	39	14	341,449	201,326	1,150,474	78
36	124	95	-----	-----	-----	-----	-----	1,906	842	-----	-----
554	107	6,481	-----	-----	-----	13	5	351,565	35,179	818	35
106	86	-----	-----	-----	-----	-----	-----	7,503	2,569	-----	-----
242	102	3,038	-----	-----	-----	-----	-----	46,076	4,821	-----	-----
49	134	740	-----	-----	-----	-----	-----	8,677	-----	-----	-----
2,838	109	24,578	121,367	2,085	25,950	52	19	693,014	302,678	1,160,629	113

FOURTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fourth Inspection District, comprising the coal producing counties of Cass, Christian, Menard, Morgan, Sangamon and Scott, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	6	6	8	7	5
Number of shipping mines.....	16	17	18	19	21
Number of local mines.....	39	31	33	30	26
Number of employees underground.....	5,308	5,360	6,560	7,219	7,931
Number of employees on surface.....	995	1,046	851	899	841
Total number employed.....	6,303	6,406	7,411	8,118	8,772
Tons of coal produced in shipping mines.....	6,056,629	5,806,662	3,597,269	6,313,977	7,213,022
Tons of coal produced in local mines.....	266,815	227,121	269,948	233,151	224,654
Tons of coal produced, total.....	6,323,444	6,033,783	3,867,217	6,547,128	7,437,676
Days operated, shipping mines, average.....	160	157	91	138	137
Days operated, local mines, average.....	153	135	161	163	168
Number of undercutting machines.....	80	69	122	121	150
Tons undercut.....	4,671,424	4,527,140	2,337,375	4,123,866	4,547,013
Tons mined by hand.....	1,652,020	1,506,643	1,527,682	2,423,262	2,890,663
Tons mined in strip mines.....			2,160		
Number of loading machines used.....	255	219	209	212	208
Tons loaded mechanically.....	4,349,790	4,305,099	1,930,215	3,191,268	3,155,794
Number of fatal accidents.....	12	12	9	8	15
Number of non-fatal accidents.....	505	505	358	664	953
Number of employees to each fatality.....	525	534	823	1,015	583
Number employed to each non-fatal accident.....	12.5	12.7	20.7	122.3	9
Tons of coal to each fatality.....	526,954	502,815	429,666	818,391	495,845
Tons mined to each non-fatal accident.....	12,522	11,948	10,802	9,860	7,804
Number of fatalities per 1,000 employed.....	1.9	1.9	12.1	1.0	1.7
Number injured per 1,000 employed.....	80.1	78.8	48.3	81.8	108.6

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	20	29	7,815,219	203,072	8,118	405	167	147	14	1023	572,735
1930.....	21	26	7,213,022	224,654	8,349	423	137	168	15	953	495,845
1931.....	19	30	6,313,977	233,151	7,666	452	138	163	8	664	818,391
1932.....	18	33	3,597,269	269,948	6,895	516	91	161	9	358	429,666
1933.....	17	31	5,806,662	227,121	5,864	542	157	135	12	505	502,815
Average for 5 years.....	19	30	6,149,230	231,589	7,378	468	137	154	12	701	550,071
1934.....	16	39	6,056,629	266,815	5,730	573	160	153	12	505	526,954
Gain (+) or loss (—), 1934 over previous 5 years.....	—3	+9	—93,601	+35,226	—1,648	+105	+23	—1	—	—196	—23,117

IDLE MINES.

Brewerton Coal Co., No. 92, at Lincoln in Logan County.

Chicago, Wilmington and Franklin Coal Co., No. 1, at Thayer in Sangamon County.

Madison Coal Corp., No. 6, at Divernon in Sangamon County.

Pana Coal Co., No. 2, at Pana in Christian County.
 Panther Creek Mines Inc., No. 1, at Auburn in Sangamon County.
 Panther Creek Mines Inc., No. 3, at Springfield in Sangamon County.
 Peabody Coal Co., No. 6, at Sherman in Sangamon County.
 Peabody Coal Co., No. 21, at Stonington in Christian County.
 Peabody Coal Co., No. 52, at Riverton in Sangamon County.
 Peabody Coal Co., No. 54, at Auburn in Sangamon County.
 Peabody Coal Co., No. 55, at Springfield in Sangamon County.

FATAL ACCIDENTS.

January 6, J. M. Wilson, motorman, age 29 years, married, was killed in Peabody Coal Company's No. 9 mine, by a fall of rock. He leaves a widow and one child.

January 18, Alexander B. Miller, mine manager, age 49 years, single, was killed by pit cars, in Happy Hollow Coal Company's mine.

February 19, John Wolf, shot-firer, age 60 years, single, was killed by a shot explosion in Peabody Coal Company's No. 53 mine.

February 26, Barton Wines, trackman, age 46 years, single, was killed by falling slate in Peabody Coal Company's No. 7 mine.

March 6, Hugh Gibson, driver, age 39 years, married, was killed by pit cars, in Panther Creek Coal Company's No. 4 mine. He leaves a widow and two children.

March 22, Elmar Cowan, machine man, age 47 years, married, was killed by a fall of clod in Peabody Coal Company's No. 8 mine. He leaves a widow and two children.

July 12, Peter W. Smith, electrician, age 39 years, married, was killed by a pit car in Peabody Coal Company's No. 7 mine. He leaves a widow and one child.

September 13, Albert Doolin, company man, age 32 years, married, died from a fractured skull received the day before in the Peabody Coal Company's mine No. 8. He was knocked off a motor by a timber they were hauling on the motor and struck his head against the rib and then the timber also struck his head. He leaves a widow and two dependent children.

October 2, Charles Rodden, driller, age 52 years, married, died as a result of injuries received when he went to investigate a delayed explosion on September 29 in Mine No. 9 of the Peabody Coal Co. He leaves a widow and four dependent children.

October 14, Woodrow Wilson Jackson, engineer, age 22 years, single, died of a broken neck received on October 10 when he left his engine to investigate the faulty working of a self-dumping coal delivery truck at the mine of the Lincoln Trail Coal Co.

October 16, Roy Spoon, miner, age 40 years, married, died as a result of a fall of slate at Mine No. 4 of Panther Creek Mines, Inc. He leaves a widow.

November 1, Rudolph Fromm, timberman, age 60 years, married, died as a result of a fall of slate at Mine No. 57 of the Peabody Coal Co. He leaves a widow.

Respectfully submitted,

HARRY ROBERTS, *Inspector.*

FATAL ACCIDENTS, FOURTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 6 Jan.	6 Jan.	J. M. Wilson	29	Motorman	Taylorville	Peabody Coal Co.	9	1	1	1	1	2	Fall of rock.
Jan. 18 Jan.	18 Jan.	Alexander B. Miller	49	Mine manager	Pleasant Plains	Happy Hollow Coal Co.	---	---	---	---	---	---	Pit cars.
Feb. 19 Feb.	19 Feb.	John Wolf	60	Shot firer	Springfield	Peabody Coal Co.	53	---	---	---	---	---	Shot explosion.
Feb. 26 Feb.	26 Feb.	Barton Wines	46	Trackman	Taylorville	Peabody Coal Co.	7	1	1	---	---	---	Fall of slate.
Mar. 6 Mar.	6 Mar.	Hugh Gibson	39	Driver	Riverton	Panther Creek Mines	4	---	---	---	---	---	Pit cars.
Mar. 22 Mar.	22 Mar.	Elmer Cowan	47	Machine man	Taylorville	Peabody Coal Co.	8	1	1	1	2	3	Fall of elod.
July 12 July	12 July	Peter W. Smith	39	Electrician	Taylorville	Peabody Coal Co.	7	1	1	1	1	2	Pit car.
Sept. 12 Sept.	12 Sept.	Albert Doodin	32	Company man	Taylorville	Peabody Coal Co.	8	1	1	1	1	2	Struck by timber on motor.
Sept. 29 Oct.	29 Oct.	Charles Rodden	52	Driller	Taylorville	Peabody Coal Co.	9	1	1	1	4	3	Shot explosion.
Oct. 19 Oct.	19 Oct.	Woodrow Wilson Jackson	22	Engineer	Salisbury	Lincoln Trail Coal Co.	---	---	---	---	---	---	Bed of dump truck struck him.
Oct. 16 Oct.	16 Oct.	Roy Spoon	40	Miner	Spaulding	Panther Creek Mines	4	1	1	1	---	1	Fall of slate.
Nov. 1 Nov.	1 Nov.	Rudolph Fromm	60	Timberman	Springfield	Peabody Coal Co.	57	1	1	1	---	1	Fall of slate.

NON-FATAL ACCIDENTS, FOURTH DISTRICT.

Name of operator.	Number injured.	Number not re- turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost. Total. Average.	Number injured.	Days lost. Total. Average.	Month.	Number injured.
Central Illinois Coal Mining Co.	25	---	674	27	16	202	13	472	January	60
Jefferson Coal Mining Co., No. 81	10	---	240	24	8	137	17	73	February	66
Mine "B" Coal Co.	26	---	783	31	15	298	20	485	March	69
Pana Coal Co., No. 1	37	5	1,220	38	13	180	14	1,040	April	33
Panther Creek Mines, No. 4	20	1	354	19	15	209	14	145	May	27
Panther Creek Mines, No. 5	20	4	519	32	8	143	18	376	June	30
Peabody Coal Co., No. 7	47	6	1,572	38	19	278	15	1,294	July	18
Peabody Coal Co., No. 8	49	9	1,315	33	24	354	15	961	August	32
Peabody Coal Co., No. 9	60	6	1,803	32	29	411	14	1,392	September	39
Peabody Coal Co., No. 51	17	2	590	39	5	86	17	504	October	48
Peabody Coal Co., No. 53	17	3	525	38	5	110	22	415	November	44
Peabody Coal Co., No. 57	25	7	981	55	6	99	17	882	December	39
Peabody Coal Co., No. 58	45	9	779	22	26	308	12	471		
Peabody Coal Co., No. 59	31	5	925	36	14	242	17	683		
Penwell Coal Mining Co.	21	3	465	28	11	120	11	375		
Sangamon Coal Co., No. 2	30	5	694	28	17	239	14	455		
Shipping mines.	480	66	13,439	32	231	3,416	15	10,023		
Local mines.	25	5	476	24	13	197	15	279		
Total	505	71	13,915	32	244	3,613	15	10,302	Total	505

CASS COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Smith & Estille.....	Ashland.....	1,000				1,000
2	J. H. Miller & Co.....	Chandlerville.....	629				629
3	Santa Cardoni.....	Beardstown.....	80				61
4	Leonard Coal Co.....	Beardstown.....	49				49
4 local mines total.....			1,758				1,739

CHRISTIAN COUNTY

SHIPPING MINES.							
1	Peabody Coal Co., No. 9.....	Taylorville.....	1,016,754	908,928	106,806		88
2	Peabody Coal Co., No. 7.....	Kincaid.....	986,122	939,126	42,347		3,786
3	Peabody Coal Co., No. 8.....	Tovey.....	864,806	857,316	6,814		
4	Peabody Coal Co., No. 58.....	Taylorville.....	787,503	542,709	193,468		44,157
5	Pana Coal Co.....	Pana.....	127,182	53,600	6,383	17,423	39,719
6	Penwell Coal Mining Co.....	Pana.....	78,339	45,065	5,216		23,151
6 shipping mines total.....			3,860,706	3,346,744	361,034	17,423	110,901
LOCAL MINE.							
1	Greenwood Coal Mining Co.....	Edinburg.....	6,000				5,000
7 all mines total.....			3,866,706	3,346,744	361,034	17,423	115,901

MENARD COUNTY

LOCAL MINES.							
1	Greenview Mining Co.....	Greenview.....	43,640				43,000
2	Johnson Valley Coal Co.....	Middletown.....	24,720				23,220
3	Harry A. Perkins.....	Athens.....	8,623				8,623
4	Indian Creek Coal Co.....	Petersburg.....	8,450				8,070
5	Chas. Whitehurst.....	Tallula.....	5,220				4,920
6	John W. Mallerygren.....	Petersburg.....	4,160				3,660
7	Klingbeil Bros. Coal Co.....	Petersburg.....	3,796				3,786
8	Fred W. Otken.....	Tallula.....	2,600				2,400
9	Old Salem Coal Co.....	Petersburg.....	2,456				2,131
10	Lincoln Coal Co.....	Petersburg.....	1,500				1,400
11	Tebbrugge Bros.....	Petersburg.....	777				702
11 local mines total.....			105,972				101,912

MORGAN COUNTY

LOCAL MINE.							
1	Wagstaff & Smith.....	Murrayville.....	765				765

FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	6	90	100	-----	-----	-----	-----	-----	-----	1,000	-----	-----	1
-----	-----	3	122	80	-----	-----	-----	-----	-----	-----	629	-----	-----	2
19	-----	12	100	20	-----	-----	-----	-----	-----	-----	80	-----	-----	3
-----	-----	4	30	8	-----	-----	-----	-----	-----	-----	49	-----	-----	4
19	-----	15	86	208	-----	-----	-----	-----	-----	-----	1,758	-----	-----	

FOURTH DISTRICT.

932	-----	507	221	-----	381,300	-----	6,000	10	28	1,016,754	-----	-----	2	1
863	-----	527	222	-----	421,550	850	-----	6	31	986,122	-----	-----	3	2
676	-----	535	221	3,001	297,450	-----	-----	22	21	864,806	-----	-----	-----	3
7,169	-----	383	246	-----	234,700	-----	-----	4	22	787,503	-----	-----	-----	4
9,274	783	192	179	-----	23,725	-----	17,500	-----	2	-----	127,182	-----	7	5
3,700	1,207	301	44	-----	13,750	-----	6,000	1	1	6,497	71,842	-----	10	6
22,614	1,990	2,445	189	3,001	1,372,475	850	29,500	43	105	3,661,682	199,024	-----	22	
1,000	-----	15	150	800	-----	-----	-----	-----	-----	-----	6,000	-----	-----	1
23,614	1,990	2,460	183	3,801	950,925	850	451,050	43	105	3,661,682	205,024	-----	22	

FOURTH DISTRICT.

640	-----	46	183	1,635	-----	-----	-----	1	-----	43,640	-----	-----	-----	1
1,500	-----	28	350	-----	-----	-----	-----	2	-----	24,720	-----	-----	-----	2
-----	-----	12	200	588	-----	-----	-----	1	-----	3,000	5,623	-----	-----	3
410	-----	12	180	390	-----	-----	-----	1	-----	8,480	-----	-----	-----	4
300	-----	12	211	399	-----	-----	-----	-----	-----	-----	5,220	-----	-----	5
500	-----	13	160	-----	-----	-----	-----	-----	-----	-----	4,160	-----	-----	6
10	-----	11	126	234	-----	-----	-----	1	-----	3,796	-----	-----	-----	7
200	-----	10	175	180	-----	-----	-----	-----	-----	-----	2,600	-----	-----	8
325	-----	10	186	160	-----	-----	-----	-----	-----	-----	2,456	-----	-----	9
100	-----	11	60	250	-----	-----	-----	-----	-----	-----	1,500	-----	-----	10
75	-----	4	110	50	-----	-----	-----	-----	-----	-----	777	-----	-----	11
4,060	-----	169	176	3,886	-----	-----	-----	6	-----	83,636	22,336	-----	-----	

FOURTH DISTRICT.

-----	-----	6	135	-----	-----	-----	-----	-----	-----	-----	765	-----	-----	
-------	-------	---	-----	-------	-------	-------	-------	-------	-------	-------	-----	-------	-------	--

SANGAMON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Central Illinois Coal Mining Co., "A"	Springfield	335,869	136,384	173,715		24,090
2	Peabody Coal Co., No. 59	Springfield	308,010	250,821	43,684	853	3,315
3	Peabody Coal Co., No. 57	Springfield	302,357	201,873	52,829		37,999
4	The Mine B Coal Co., "B"	Springfield	281,873	129,832	109,259		39,737
5	Panther Creek Mines, Inc., No. 4	Springfield	260,979	142,830	90,538		24,519
6	Peabody Coal Co., No. 53	Springfield	238,242	128,316	76,572		27,656
7	Sangamon Coal Co., No. 2	Springfield	193,931	95,152	54,890		41,489
8	Panther Creek Mines, Inc., No. 5	Springfield	134,107	62,615	47,104		22,538
9	Jefferson Coal Mining Co., No. 81	Springfield	90,118	48,620	9,460		28,259
10	Peabody Coal Co., No. 51	Springfield	50,437	48,992			351
10 shipping mines total			2,195,923	1,245,435	658,051	853	249,953
LOCAL MINES.							
1	Panther Creek Mines, Inc., No. 2	Springfield	67,994				67,869
2	Number Twelve Coal Co.	Springfield	30,838				30,545
3	Howard Coal Co.	Athens	11,843				11,646
4	Barr Coal Co.	Athens	8,100				8,100
5	Happy Hollow Coal Co.	Pleasant Plains	5,709				5,709
6	Plains Mining Co.	Pleasant Plains	5,388				5,350
7	Toney Enders	Pleasant Plains	4,500				3,000
8	Wenneborg Coal Co., Inc.	New Berlin	4,120				3,670
9	J. S. Williamson	Loami	4,016				4,016
10	Springfield Salisbury Coal Co.	Salisbury	2,195				1,795
11	Bethel Coal Co.	Ashland	1,800				1,600
12	McFall & Eddy	Cantrall	862				800
12 local mines total			147,365				144,100
22 all mines total			2,343,288	1,245,435	658,051	853	394,053

SCOTT COUNTY

LOCAL MINES.							
1	Hosking Bros. Coal Co.	Winchester	1,292				1,292
2	McGuire Coal Co.	Winchester	1,082				1,082
3	George E. Berry	Exeter	869				869
4	Jas. A. Jones	Winchester	640				640
5	C. L. Neat	Exeter	250				250
6	Josh Hepworth	Alsey	241				241
7	Farrel Clark	Exeter	215				215
8	John G. Karty	Exeter	150				150
9	Glenn H. Fisher	Winchester	116				114
10	J. E. Beckman	Exeter	100				100
10 local mines total			4,955				4,953

FOURTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
172	1,508	300	203	1,975	373,175	—	—	—	4	—	335,869	—	17	1
4,960	4,377	358	156	—	389,100	—	—	7	4	308,010	—	—	33	2
6,211	3,445	368	162	—	368,000	—	—	7	6	302,357	—	—	35	3
3,045	—	450	132	16,082	—	—	—	—	4	—	281,873	—	25	4
3,092	—	416	150	14,396	—	100	—	—	4	—	260,979	—	24	5
805	4,893	327	129	—	307,000	—	—	7	7	238,242	—	—	35	6
2,400	—	350	152	9,193	48,975	—	—	—	3	—	193,931	—	20	7
1,850	—	316	90	7,407	—	—	—	—	3	—	134,107	—	22	8
100	3,679	166	216	7,085	—	—	—	—	3	—	90,118	—	9	9
235	859	234	35	—	58,650	—	—	5	3	50,437	—	—	21	10
22,870	18,761	3,285	143	56,138	1,544,900	100	—	26	41	899,046	1,296,877	—	241	—
125	—	161	117	3,489	—	—	—	—	—	—	67,994	—	—	1
293	—	65	149	1,440	—	—	—	—	—	—	30,838	—	—	2
197	—	12	163	439	—	—	—	2	—	11,843	—	—	—	3
—	—	11	185	610	—	—	—	—	—	—	8,100	—	—	4
—	—	11	115	325	—	—	—	1	—	5,709	—	—	—	5
38	—	11	243	450	—	—	—	1	—	5,388	—	—	—	6
1,500	—	12	125	210	—	—	—	—	—	—	4,500	—	—	7
200	250	12	130	60	—	—	—	1	—	4,120	—	—	—	8
—	—	12	200	223	—	—	—	—	—	—	4,016	—	—	9
400	—	9	150	150	—	—	—	—	—	—	2,195	—	—	10
200	—	12	100	100	—	—	—	—	—	—	1,800	—	—	11
62	—	9	28	50	—	—	—	—	—	—	862	—	—	12
3,015	250	337	142	7,546	—	—	—	5	—	27,060	120,305	—	—	—
25,855	19,011	3,622	142	63,684	1,544,900	100	—	31	41	926,106	1,417,182	—	241	—

FOURTH DISTRICT.

—	7	208	85	—	—	—	—	—	—	1,292	—	—	—	1
—	3	200	40	—	—	—	—	—	—	1,082	—	—	—	2
—	7	200	—	—	—	—	—	—	—	869	—	—	—	3
—	3	130	—	—	—	—	—	—	—	640	—	—	—	4
—	2	180	—	—	—	—	—	—	—	250	—	—	—	5
—	2	240	—	—	—	—	—	—	—	241	—	—	—	6
—	2	180	—	—	—	—	—	—	—	215	—	—	—	7
—	2	125	—	—	—	—	—	—	—	150	—	—	—	8
2	1	110	—	—	—	—	—	—	—	116	—	—	—	9
—	2	120	—	—	—	—	—	—	—	100	—	—	—	10
2	31	169	125	—	—	—	—	—	—	4,955	—	—	—	—

FOURTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Christian.....	6	3,860,706	3,346,744	361,034	17,423	110,901	22,614	1,990
Sangamon.....	10	2,195,923	1,245,435	658,051	853	249,953	22,870	18,761
Total.....	16	6,056,629	4,592,179	1,019,085	18,276	360,854	45,484	20,751

LOCAL MINES

Cass.....	4	1,758	-----	-----	-----	1,739	19	-----
Christian.....	1	6,000	-----	-----	-----	5,000	1,000	-----
Menard.....	11	105,972	-----	-----	-----	101,912	4,060	-----
Morgan.....	1	765	-----	-----	-----	765	-----	-----
Sangamon.....	12	147,365	-----	-----	-----	144,100	3,015	250
Scott.....	10	4,955	-----	-----	-----	4,953	2	-----
Total.....	39	266,815	-----	-----	-----	258,469	8,096	250

ALL MINES

Cass.....	4	1,758	-----	-----	-----	1,739	19	-----
Christian.....	7	3,866,706	3,346,744	361,034	17,423	115,901	23,614	1,990
Menard.....	11	105,972	-----	-----	-----	101,912	4,060	-----
Morgan.....	1	765	-----	-----	-----	765	-----	-----
Sangamon.....	22	2,343,288	1,245,435	658,051	853	394,053	25,885	19,011
Scott.....	10	4,955	-----	-----	-----	4,953	2	-----
Total.....	55	6,323,444	4,592,179	1,019,085	18,276	619,323	53,580	21,001

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
2,445	189	3,001	1,372,475	850	29,500	43	105	3,661,682	199,024	-----	22
3,285	143	56,138	1,544,900	100	-----	26	41	899,046	1,296,877	-----	241
5,730	160	59,139	2,917,375	950	29,500	69	146	4,560,728	1,495,901	-----	263

FOURTH DISTRICT.

15	86	208	-----	-----	-----	-----	-----	-----	1,758	-----	-----
15	150	800	-----	-----	-----	-----	-----	-----	6,000	-----	-----
169	176	3,886	-----	-----	-----	6	-----	83,636	22,336	-----	-----
6	135	-----	-----	-----	-----	-----	-----	-----	765	-----	-----
337	142	7,546	-----	-----	-----	5	-----	27,060	120,305	-----	-----
31	169	125	-----	-----	-----	-----	-----	-----	4,955	-----	-----
573	153	12,565	-----	-----	-----	11	-----	110,696	156,119	-----	-----

FOURTH DISTRICT.

15	86	208	-----	-----	-----	-----	-----	-----	1,758	-----	-----
2,460	183	3,801	1,324,755	850	29,500	43	105	3,661,682	205,024	-----	22
169	176	3,886	-----	-----	-----	6	-----	83,636	22,336	-----	-----
6	135	-----	-----	-----	-----	-----	-----	-----	765	-----	-----
3,622	142	63,684	1,544,900	100	-----	31	41	926,106	1,417,182	-----	241
31	169	125	-----	-----	-----	-----	-----	-----	4,955	-----	-----
6,303	155	71,704	2,917,375	950	29,500	80	146	4,671,424	1,652,020	-----	263

FIFTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Fifth Inspection District, comprising the coal producing counties of Edgar, Macon and Vermilion, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	3	3	3	3	3
Number of shipping mines.....	7	6	6	7	8
Number of local mines.....	131	130	120	103	83
Number of employees underground.....	3,042	2,970	4,094	2,981	3,097
Number of employees on surface.....	448	564	441	434	415
Total number employed.....	3,490	3,534	4,535	3,415	3,512
Tons of coal produced in shipping mines.....	1,840,005	1,932,038	1,674,828	2,399,121	2,768,254
Tons of coal produced in local mines.....	294,111	298,112	349,753	232,604	272,237
Tons of coal produced, total.....	2,134,116	2,230,150	2,024,581	2,631,725	3,040,491
Days operated, shipping mines, average.....	151	151	135	135	156
Days operated, local mines, average.....	125	118	137	122	108
Number of undercutting machines.....	77	71	100	105	99
Tons undercut.....	1,889,462	1,816,819	1,483,472	2,146,185	2,435,948
Tons mined by hand.....	202,195	185,611	172,326	153,939	184,102
Tons mined in strip mines.....	42,459	227,720	368,783	331,601	420,441
Number of loading machines used.....	45	53	42	43	24
Tons loaded mechanically.....	568,249	733,732	577,357	679,987	555,875
Number of fatal accidents.....	8	9	6	9	11
Number of non-fatal accidents.....	247	244	192	267	342
Number of employees to each fatality.....	436	393	756	379	319
Number employed to each non-fatal accident.....	14.1	14.5	23.6	12.8	10
Tons of coal mined to each fatality.....	266,765	247,794	337,430	292,414	276,408
Tons mined to each non-fatal accident.....	8,640	9,140	10,545	9,857	9,531
Number of fatalities per 1,000 employed.....	2.3	2.5	1.3	2.6	3.1
Number injured per 1,000 employed.....	70.8	69	42.3	78.5	90.8

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	10	71	2,891,333	302,256	3,117	476	193	118	5	336	638,718
1930.....	8	83	2,768,254	272,237	2,990	522	156	108	11	342	276,408
1931.....	7	103	2,399,121	232,604	2,838	577	135	122	9	267	292,414
1932.....	6	120	1,674,828	349,753	3,281	1,254	135	137	6	192	337,430
1933.....	6	130	1,932,038	298,112	2,639	895	151	118	9	244	247,794
Average for 5 years.....	7	101	2,333,115	290,992	2,973	745	158	122	8	276	328,013
1934.....	7	131	1,840,005	294,111	2,585	905	151	125	8	247	266,765
Gain (+) or loss (—), 1934 over previous 5 years.....		+30	-493,110	+3,119	-388	+160	-7	+3	----	-29	-61,248

CHANGE OF NAME.

Brown Coal Co., a former local mine now operating as a shipping mine under the name of Oakwood Coal Co., at Oakwood in Vermilion County.

NEW MINE.

Coal Stripping Co., No. 2, at Danville in Vermilion County.

IDLE MINES.

Lovington Coal Mining Co., at Lovington in Moultrie County.

United States Fuel Co., Vermilion, at Georgetown in Vermilion County.

FATAL ACCIDENTS.

February 17, Fred Luther, motorman, age 51 years, married, was killed by pit cars, in Macon County Coal Company's mine. He leaves a widow and one child.

Mar. 13, G. B. Coleman, miner, age 64 years, married, was killed in Pearson Coal Company's mine by a fall of rock. He leaves a widow.

April 1, Mike Rauktis, miner, age 52 years, married, died from injuries received March 8, in United States Fuel Company's Bunsenville mine by a fall of rock. He leaves a widow.

April 12, Roy Underwood, a rockman, age 45 years, married, died from injuries received February 27, when struck by a fall of rock in United States Fuel Company's Bunsenville mine. He leaves a widow.

April 19, Louis Champion, miner, age 43 years, married, was killed by falling rock in United States Fuel Company's Bunsenville mine. He leaves a widow and five children.

June 5, Ernest West, motorman, age 47 years, married, was killed in United States Fuel Company's Bunsenville mine by falling coal. He leaves a widow.

July 31, Pietro Dompe, machine runner, age 37 years, single, was killed in United States Fuel Company's Bunsenville mine by being caught in the moving bit chain of a shearing machine. He leaves a dependent mother.

December 9, John E. Wear, loading machine operator, age 26 years, married, died as a result of injuries received on November 20 when he was pinned against his machine by a fall of roof rock in Mine No. 24 of the Peabody Coal Co.

Respectfully submitted,

THOMAS MCKENNA, *Inspector.*

FATAL ACCIDENTS, FIFTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 17	Feb. 17	Fred Luther	51	Motorman	Decatur	Macon County Coal Co.	---	1	1	1	1	2	Pit car.
Mar. 13	Mar. 13	G. B. Coleman	64	Miner	Fairmount	Pearson Coal Co.	---	---	---	---	---	---	1 Fall of rock.
Mar. 8	Apr. 1	Mike Ranktis	52	Miner	Westville	United States Fuel Co.	"Bun"	1	1	1	1	1	1 Fall of rock.
Feb. 27	Apr. 12	Roy Underwood	45	Rockman	Westville	United States Fuel Co.	"Bun"	1	1	1	1	1	1 Fall of rock.
Apr. 19	Apr. 19	Louis Champion	43	Miner	Westville	United States Fuel Co.	"Bun"	1	1	1	1	5	6 Fall of rock.
June 5	June 5	Ernest West	47	Motorman	Westville	United States Fuel Co.	"Bun"	1	1	1	1	1	1 Fall of coal.
June 5	June 5	Ernest Dompe	37	Machine runner	Westville	United States Fuel Co.	"Bun"	1	1	1	1	1	1 Bits of shearing machine.
July 31	July 31	Pietro Dompe	37	Machine runner	Westville	United States Fuel Co.	"Bun"	1	1	1	1	1	1 Bits of shearing machine.
Nov. 20	Dec. 9	John E. Wear	26	Loading machine operator	Danville	Peabody Coal Co.	24	1	1	1	1	1	1 Fall of rock.

NON-FATAL ACCIDENTS, FIFTH DISTRICT.

Name of operator.	Number injured.	Number not re-turned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.			Month in which accident occurred.	
			Total.	Average.	Number injured.	Days lost. Total.	Average.	Number injured.	Days lost. Total.	Average.	Month.
Macon County Coal Co.	51	7	1,579	36	22	407	19	22	1,172	53	January
Oakwood Coal Co.	3	1	54	27	1	11	11	1	43	43	February
Peabody Coal Co., No. 24	47	4	1,287	30	28	415	15	15	872	58	March
Tilton Mining Co.	9	17	388	43	4	52	13	5	336	67	April
United Elec. Fuel Co., "Verm"	116	17	4,018	41	51	932	18	48	3,086	64	May
Shipping mines	236	29	7,336	37	106	1,817	17	91	5,509	61	June
Local mines	21	1	417	21	14	203	15	6	214	36	July
											August
											September
											October
											November
											December
Total	247	30	7,743	36	120	2,020	17	97	5,723	59	Total

EDGAR COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	LOCAL MINES.						
1	Edgar County Coal Co.	Paris	13,008				12,699
2	Martin Coal Co.	Paris	6,999				6,709
3	Greenwalt Coal Co.	Paris	3,000				3,000
4	J. M. Wagner Coal Co.	St. Bernice	550				450
5	Pleasant Hill Coal Co.	Scotland	413				413
6	Brookside Coal Co.	Scotland	283				258
7	W. W. & M. Coal Co.	Scotland	127				127
	7 local mines total		24,290				23,656

MACON COUNTY

SHIPPING MINE.						
1	Macon County Coal Co.-----	Decatur.....	164,401	46,278	-----	117,895

VERMILION COUNTY

SHIPPING MINES.							
1	United States Fuel Co., "Bun"-----	Georgetown.....	1,009,404	732,370	262,128	2,206	9,650
2	Peabody Coal Co., No. 24-----	Danville.....	547,031	311,154	223,497	-----	5,176
3	Tilton Mining Co.-----	Danville.....	59,037	17,682	31,800	-----	9,405
4	Oakwood Coal Co.-----	Oakwood.....	23,929	810	1,025	-----	21,934
5	Coal Stripping Co., No. 2-----	Danville.....	20,242	11,572	-----	-----	8,670
6	United Electric Coal Co., No. 12-----	Danville.....	15,961	15,961	-----	-----	-----
6 shipping mines total-----			1,675,604	1,089,549	518,450	2,206	54,835
LOCAL MINES.							
1	Hegeler Zinc Co.-----	Danville.....	40,560	-----	-----	-----	40,560
2	Lete & Sons Coal Co.-----	Danville.....	14,878	-----	-----	-----	14,856
3	W. & W. Coal Co.-----	Danville.....	11,528	-----	-----	-----	11,528
4	P. J. Dowdatt & Sons-----	Westville.....	11,157	-----	-----	-----	11,157
5	M. & B. Coal Co.-----	Danville.....	10,439	-----	-----	-----	9,986
6	Anderson Coal Co.-----	Danville.....	8,864	-----	-----	-----	8,864
7	Central Coal Co.-----	Fairmount.....	8,522	-----	-----	-----	8,322
8	Cassel Branch Coal Co.-----	Danville.....	8,404	-----	-----	-----	8,404
9	Larson Coal Co.-----	Georgetown.....	7,126	-----	-----	-----	7,126
10	Red Dragon Coal Co.-----	Danville.....	6,288	-----	-----	-----	6,288
11	John Donaldson, lessor, (Blackburn Coal Co.)-----	Danville.....	6,218	-----	-----	-----	6,218
12	M. & M. Coal Co.-----	Danville.....	6,000	-----	-----	-----	6,000
13	Wilson Coal Co.-----	Danville.....	4,782	-----	-----	-----	4,782
14	Skelton Coal Co., No. 1-----	Danville.....	4,769	-----	-----	-----	4,769
15	James H. Crawford-----	Oakwood.....	4,747	-----	-----	-----	4,747
16	Deep Valley Coal Co.-----	Danville.....	4,560	-----	-----	-----	4,560
17	Johnson & Son-----	Catlin.....	4,500	-----	-----	-----	4,500
18	Howard & Hanley-----	Danville.....	4,007	-----	-----	-----	4,007
19	Crawford & Kelley Coal Co.-----	Oakwood.....	3,878	-----	-----	-----	3,200
20	Quality Coal Co.-----	Danville.....	3,559	-----	-----	-----	3,559
21	Balduchi Coal Co.-----	Fairmount.....	3,500	-----	-----	-----	3,200
22	Blue Bird Coal Co.-----	Danville.....	3,500	-----	-----	-----	3,500

FIFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
309		23	164	630			2,450				13,008			1
200		11	227				1,300	1		6,909				2
		15	120	600							3,000			3
100		3	180	50							550			4
		3	125	30							413			5
25		2	180	20							283			6
		4	49		250						127			7
634		61	149	1,330	250		3,750	1		6,909	17,381			

FIFTH DISTRICT.

-----	228	332	232	-----	-----	44,000	5,000	13	2	164,401	-----	-----	26	1
-------	-----	-----	-----	-------	-------	--------	-------	----	---	---------	-------	-------	----	---

FIFTH DISTRICT.

3,050		1,581	180		13,175		137,050	31	18	1,009,404			18	1
7,204		455	183	23	221,350	5,350		18	11	545,673	1,358		39	2
150		77	182	1,280				3		50,577	8,460		4	3
10	150	46	187	510				2		23,929			2	4
		38	75									20,242		5
		56	19									15,961		6
10,414	150	2,253	138	1,813	234,525	5,350	137,050	54	29	1,629,583	9,818	36,203	63	
		103	124		10,400			3		36,204	4,356			1
22		18	225	283				1		12,000	2,878			2
		20	200	275				1		11,528				3
		29	220	481							11,157			4
453		22	205	340				1		10,439				5
		17	150	243				1		8,864				6
200		22	180	275				1		4,534				7
		8	242	443							3,988			8
		12	170	410							8,404			9
		16	190	306							7,126			10
											6,288			
		60	90	248							6,218			11
		9	108	300				1		5,000	1,000			12
		10	150	165							4,782			13
		9	201	159							4,769			14
		13	87	235							4,747			15
		12	250	320							4,560			16
		8	225	300							4,500			17
		5	175	120							4,007			18
678		12	87	255							3,878			19
		8	208	181							3,539			20
300		14	150	200							3,500			21
		10	140	140							3,500			22

VERMILION COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
23	Miller & Rohrer Coal Co.....	Danville.....	3,490	.....	.....	.....	3,490
24	Middle Fork Coal Co.....	Armstrong.....	3,287	.....	.....	.....	3,287
25	L. & S. Coal Co.....	Danville.....	3,285	.....	.....	.....	3,285
26	Pichon Coal Co.....	Catlin.....	3,014	.....	.....	.....	3,014
27	Big Diamond Coal Co.....	Danville.....	3,000	.....	.....	.....	3,000
28	Ray Coal Co.....	Fairmount.....	2,722	.....	.....	.....	2,722
29	Grant Coal Co.....	Catlin.....	2,535	.....	.....	.....	2,535
30	Grape Creek Community Mine.....	Westville.....	2,500	.....	.....	.....	2,500
31	Yankee Branch Coal Co.....	Georgetown.....	2,475	.....	.....	.....	2,475
32	Swan Coal Co.....	Danville.....	2,375	.....	.....	.....	2,365
33	Shady Valley Coal Co., No. 1.....	Catlin.....	2,200	.....	.....	.....	2,200
34	Schafer Bros. Coal Co.....	Danville.....	2,176	.....	.....	.....	2,151
35	Rippon Coal Co.....	Catlin.....	2,071	.....	.....	.....	2,071
36	Ross Lane Coal Co.....	Danville.....	2,000	.....	.....	.....	2,000
37	Martin Bowen Coal Co.....	Danville.....	1,975	.....	.....	.....	1,975
38	Talbert & Scarce Coal Co.....	Grape Creek.....	1,900	.....	.....	.....	1,900
39	Lind Bros. Coal Co.....	Richland.....	1,800	.....	.....	.....	1,800
40	Pearson Coal Co., No. 1.....	Catlin.....	1,800	.....	.....	.....	1,740
41	O. K. Coal Co.....	Danville.....	1,778	.....	.....	.....	1,778
42	Kelly Branch Coal Co., No. 2.....	Danville.....	1,650	.....	.....	.....	1,600
43	Larson & Sons.....	Grape Creek.....	1,577	.....	.....	.....	1,577
44	Carbon Coal Co.....	Danville.....	1,549	.....	.....	.....	1,540
45	Cessna Coal Co.....	Catlin.....	1,500	.....	.....	.....	1,500
46	Riverside Coal Co.....	Danville.....	1,500	.....	.....	.....	1,500
47	F. B. & M. Coal Co.....	Catlin.....	1,473	.....	.....	.....	1,373
48	Salt Fork Coal Co.....	Oakwood.....	1,361	.....	.....	.....	1,361
49	L. P. & S. Coal Co.....	Catlin.....	1,300	.....	.....	.....	1,300
50	Sunshine Coal Co.....	Danville.....	1,282	.....	.....	.....	1,282
51	Brady Branch Coal Co.....	Tilton.....	1,200	.....	.....	.....	1,200
52	Lind Coal Co.....	Danville.....	1,200	.....	.....	.....	1,185
53	Elliott Bros.....	Danville.....	1,155	.....	.....	.....	1,152
54	Miller Coal Co.....	Danville.....	1,140	.....	.....	.....	1,140
55	E. E. Smith Coal Co.....	Danville.....	1,074	.....	.....	.....	1,074
56	O. Roberts Coal Co.....	Danville.....	1,000	.....	.....	.....	1,000
57	Thompson Hollow Coal Co.....	Catlin.....	1,000	.....	.....	.....	1,000
58	Possum Trot Coal Co.....	Oakwood.....	947	.....	.....	.....	947
59	Bert Thatcher Coal Co.....	Muncie.....	920	.....	.....	.....	920
60	Campbell Bros.....	Danville.....	900	.....	.....	.....	900
61	Black Diamond Coal Co.....	Muncie.....	832	.....	.....	.....	832
62	White Coal Co.....	Danville.....	817	.....	.....	.....	817
63	Berton & Hall Coal Co.....	Danville.....	800	.....	.....	.....	800
64	Georgetown Community Mine.....	Georgetown.....	800	.....	.....	.....	800
65	Dale Sullivan.....	Danville.....	800	.....	.....	.....	800
66	Woodard Coal Co.....	Oakwood.....	800	.....	.....	.....	700
67	Shuman & Son Coal Co.....	Danville.....	759	.....	.....	.....	759
68	Fredrickson Coal Co., No. 1.....	Danville.....	650	.....	.....	.....	649
69	B. A. Cook Coal Co.....	Georgetown.....	613	.....	.....	.....	613
70	Henry Stumpe & Son Coal Co.....	Danville.....	610	.....	.....	.....	610
71	Black Hawk Coal Co.....	Danville.....	583	.....	.....	.....	583
72	George Bros. Coal Co.....	Fairmount.....	578	.....	.....	.....	578
73	Mt. Pleasant Coal Co.....	Danville.....	500	.....	.....	.....	500
74	A. L. Bales Coal Co.....	Westville.....	490	.....	.....	.....	490
75	Christenson Coal Co.....	Danville.....	476	.....	.....	.....	476
76	Alfred Nelson Coal Co.....	Danville.....	450	.....	.....	.....	450
77	Shady Valley Coal Co., No. 2.....	Tilton.....	450	.....	.....	.....	450
78	Singleton & Son.....	Danville.....	400	.....	.....	.....	400
79	Kemper Coal Co.....	Danville.....	385	.....	.....	.....	385
80	Arctic Coal Co.....	Danville.....	350	.....	.....	.....	345
81	New Grape Creek Coal Co.....	Westville.....	334	.....	.....	.....	312
82	Skelton Stripping Co.....	Danville.....	320	.....	.....	.....	320
83	C. Holyeross Coal Co.....	Hillery.....	300	.....	.....	.....	300
84	Haun & Son Coal Co.....	Danville.....	293	.....	.....	.....	293
85	Dave Anderson Coal Co.....	Danville.....	292	.....	.....	.....	292
86	Highland Park Coal Co.....	Danville.....	256	.....	.....	.....	242
87	O. E. Scarce.....	Grape Creek.....	252	.....	.....	.....	252
88	H. Ritter.....	Danville.....	240	.....	.....	.....	240

FIFTH DISTRICT—Continued.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—keets.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
25		8	120	179							3,490			23
		10	175	150							3,287			24
		9	166	230							3,285			25
		8	190	165							3,014			26
		10	160	175							3,000			27
		6	200	136							2,722			28
		6	254	96							2,535			29
		10	125	125							2,500			30
		4	240	10								2,475		31
		8	243	108										32
10		11	104	200							2,375			33
		7	120	128							2,200			34
25		9	140	140							2,176			35
		7	110	120							2,071			36
		5	182	79							2,000			37
		4	200	128							1,975			38
		5	168	80							1,900			39
60		8	200	125							1,800			40
		4	244	110							1,800			41
50		6	160	55							1,778			42
		4	160	92							1,650			43
9		5	162	78							1,577			44
		7	200	160							1,549			45
		3	229	60							1,500			46
100		4	240	74							1,473			47
		4	180								1,361			48
		5	235	130							1,300			49
		4	200	49							1,282			50
15		3	110	50							1,200			51
		4	180	48							1,200			52
3		3	225	59							1,155			53
		4	140	76							1,140			54
		4	110									1,074		55
		5	150	50							1,000			56
		7	120	35							1,000			57
		6	198	108							947			58
		4	115	120							920			59
		3	140	90							900			60
		4	90	42							832			61
		4	94	32							817			62
		4	150								800			63
		5	40	40								800		64
		2	150	32							800			65
100		3	130	40							800			66
		3	253	67							759			67
1		3	100	31							650			68
		1	100									613		69
		3	170	21							610			70
		4	61	30							583			71
		4	193	130							578			72
		3	150	25							500			73
		3	163	19							490			74
		5	96	24							476			75
		2	110	22							450			76
		6	70	40							450			77
		1	43	20							400			78
		3	60	18							385			79
5		3	140	35							350			80
22		2	90	16							334			81
		2	26								320			82
		2	150	15							300			83
		3	40	4								293		84
		1	100	18							292			85
14		4	60	25							256			86
		2	110	16							252			87
		2	60	10							240			88

VERMILION COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
89	Short Coal Co.....	Georgetown.....	229	-----	-----	-----	219
90	Stewart & Boyd Coal Co.....	Danville.....	220	-----	-----	-----	220
91	Collins Coal Co.....	Danville.....	209	-----	-----	-----	207
92	Hawkins Coal Co.....	Georgetown.....	200	-----	-----	-----	200
93	K. O. H. L. Coal Co.....	Danville.....	200	-----	-----	-----	200
94	Etchison Coal Co.....	Westville.....	175	-----	-----	-----	175
95	Dougherty & Son.....	Catlin.....	170	-----	-----	-----	167
96	I Wonder Coal Co.....	Danville.....	162	-----	-----	-----	162
97	Johnson Stripping Co.....	Grape Creek.....	159	-----	-----	-----	159
98	Lime Springs Coal Co.....	Danville.....	152	-----	-----	-----	152
99	Crippon Coal Co.....	Danville.....	150	-----	-----	-----	75
100	Gondry Bros. Coal Co.....	Westville.....	131	-----	-----	-----	131
101	Del Valley Coal Co., No. 2.....	Danville.....	128	-----	-----	-----	128
102	Fredrickson Coal Co., No. 2.....	Danville.....	115	-----	-----	-----	115
103	Ellis Coal Co.....	Danville.....	110	-----	-----	-----	95
104	Abe Willis & P. Burkhead.....	Danville.....	100	-----	-----	-----	100
105	King & Wilson Mine.....	Danville.....	90	-----	-----	-----	90
106	Anderson & Dunovan Coal Co.....	Georgetown.....	87	-----	-----	-----	87
107	I. R. Brown.....	Danville.....	75	-----	-----	-----	75
108	Smith Coal Co.....	Danville.....	75	-----	-----	-----	75
109	Pearson Coal Co., No. 2.....	Catlin.....	70	-----	-----	-----	70
110	Dale Blue Coal Co.....	Westville.....	55	-----	-----	-----	55
111	Ritter Coal Co.....	Westville.....	51	-----	-----	-----	25
112	Sumner Bates Coal Co.....	Danville.....	50	-----	-----	-----	50
113	Poland Coal Co.....	Danville.....	50	-----	-----	-----	40
114	Tom Lewis.....	Danville.....	45	-----	-----	-----	45
115	B. O. Gibbs Coal Co.....	Danville.....	40	-----	-----	-----	40
116	Wm. Winehouse Coal Co.....	South Danville.....	40	-----	-----	-----	40
117	Steve Janosick.....	Westville.....	30	-----	-----	-----	30
118	Pashe Coal Co.....	Danville.....	25	-----	-----	-----	25
119	W. E. Williams Coal Co.....	Grape Creek.....	24	-----	-----	-----	24
120	H. B. Coal Co.....	Danville.....	22	-----	-----	-----	18
121	Haskins Coal Co.....	Danville.....	20	-----	-----	-----	19
122	Remy Coal Co.....	Georgetown.....	20	-----	-----	-----	20
123	Johnson Coal Co., No. 1.....	Grape Creek.....	10	-----	-----	-----	10
124	Patton Coal Co.....	Catlin.....	5	-----	-----	-----	5
124 local mines total.....			269,821	-----	-----	-----	267,583
130 all mines total.....			1,945,425	1,089,549	518,450	2,206	322,418

FIFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
10		12	139									229		89
		12	90	10							220			90
2		3	60	10							209			91
		12	90									200		92
		4	40	10							200			93
		4	120								175			94
3		2	30	9							170			95
		4	60	20							162			96
		1	160		100							159		97
		4	100	10							152			98
75		3	75									150		99
		12	90	6							131			100
		12	43	12							128			101
		12	30	5							115			102
15		4	75								110			103
		12	60	3							100			104
		12	45	6							90			105
		3	25									87		106
		3	15	3							75			107
		4	25	10							75			108
		5	40	4							70			109
26		1	110									55		110
		12	40									51		111
		12	20									50		112
10		3	45	4							50			113
		3	30	4							45			114
		3	30	2							40			115
		12	40	4							40			116
		3	20	3							30			117
		3	20	1							25			118
		4	60	3							24			119
4		4	30	2							22			120
1		2	15	1							20			121
		12	20								10	20		122
		3	30								5			123
		3	2	1										124
2,238		844	123	10,413	10,500			9		88,569	174,996	6,256		
12,652	150	3,097	124	12,226	245,025	5,350	137,050	63	29	1,718,152	184,814	42,459	63	

FIFTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					All coal not sold including waste.
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	
Macon.....	1	164,401	46,278			117,895		228
Vermilion.....	6	1,675,604	1,089,549	518,450	2,206	54,835	10,414	150
Total.....	7	1,840,005	1,135,827	518,450	2,206	172,730	10,414	378

LOCAL MINES

Edgar.....	7	24,290				23,656	634	
Vermilion.....	124	269,821				267,583	2,238	
Total.....	131	294,111				291,239	2,872	

ALL MINES

Edgar.....	7	24,290				23,656	634	
Macon.....	1	164,401	46,278			117,895		228
Vermilion.....	130	1,945,425	1,089,549	518,450	2,206	322,418	12,652	150
Total.....	138	2,134,116	1,135,827	518,450	2,206	463,969	13,286	378

RECAPITULATION BY COUNTIES.

Total em- ployees.	Average days oper- ated.	Explosives used for blasting coal.				Number of mining ma- chines used.	Number of motors in use.	Tons mined by--			Number of animals underground.
		Pow- der- kegs.	Pellet pow- der- pounds.	Dyna- mite- pounds.	Permis- sibles- pounds.			Machine.	Hand.	Stripping.	
332	232	-----	-----	44,000	5,000	13	2	164,401	-----	-----	26
2,253	138	1,813	234,525	5,350	137,050	54	29	1,629,583	9,818	36,203	63
2,585	151	1,813	234,525	49,350	142,050	67	31	1,793,984	9,818	36,203	89

FIFTH DISTRICT.

61	149	1,330	250	-----	3,750	1	-----	6,909	17,381	-----	-----
844	123	10,413	10,500	-----	-----	9	-----	88,569	174,996	-----	-----
905	125	11,743	10,750	-----	3,750	10	-----	95,478	192,377	6,256	-----

FIFTH DISTRICT.

61	149	1,330	250	-----	3,750	1	-----	6,909	17,381	-----	-----
332	232	-----	-----	44,000	5,000	13	2	164,401	-----	-----	26
3,097	124	12,226	245,025	5,350	137,050	63	29	1,718,152	184,814	42,459	63
3,490	126	13,556	245,275	49,350	145,800	77	31	1,889,462	202,195	42,459	89

SIXTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Sixth Inspection District, comprising the coal producing counties of Greene, Jersey, Macoupin, Montgomery and Shelby, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	11	10	12	12	13
Number of local mines.....	60	70	40	36	30
Number of employees underground.....	4,021	4,175	4,497	4,515	4,697
Number of employees on surface.....	551	581	512	552	528
Total number employed.....	4,572	4,756	5,009	5,057	5,225
Tons of coal produced in shipping mines.....	3,921,804	3,699,374	2,594,413	5,263,371	6,275,480
Tons of coal produced in local mines.....	48,583	49,847	50,783	41,827	28,926
Tons of coal produced, total.....	3,970,387	3,749,221	2,645,196	5,305,198	6,304,406
Days operated, shipping mines, average.....	162	155	91	156	170
Days operated, local mines, average.....	123	98	136	145	133
Number of undercutting machines.....	67	57	82	87	149
Tons undercut.....	3,927,863	3,704,818	2,592,631	5,089,018	5,959,939
Tons mined by hand.....	41,934	44,278	52,565	216,180	344,467
Tons mined in strip mines.....	590				
Number of loading machines used.....	467	477	642	21	574
Tons loaded mechanically.....	3,653,668	3,421,799	2,475,056	4,876,303	4,675,685
Number of fatal accidents.....	5	5	57	9	16
Number of non-fatal accidents.....	326	334	195	433	528
Number of employees to each fatality.....	914	951	87.9	563	327
Number employed to each non-fatal accident.....	14.0	14	25.7	11.7	10
Tons of coal mined to each fatality.....	794,077	749,844	46,407	589,405	394,025
Tons mined to each non-fatal accident.....	12,179	11,225	13,565	12,252	11,940
Number of fatalities per 1,000 employed.....	1.1	1.0	11.4	1.8	3.1
Number injured per 1,000 employed.....	71.3	70.2	38.9	85.5	101

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	13	13	6,974,363	11,671	4,908	66	195	146	9	730	776,226
1930.....	13	30	6,275,480	28,926	5,031	194	171	133	16	528	394,025
1931.....	12	36	5,263,371	41,827	4,711	356	156	145	9	433	589,465
1932.....	12	40	2,594,413	50,783	4,724	285	91	136	57	195	46,407
1933.....	10	70	3,699,374	49,847	4,411	345	155	98	5	334	749,844
Average for 5 years.....	12	38	4,961,401	36,611	4,757	248	155	124	19	444	260,313
1934.....	11	60	3,921,804	48,583	4,235	337	162	123	5	326	794,077
Gain (+) or loss (—), 1934 over previous 5 years.....	—1	+22	—1,039,597	+11,972	—522	+89	+7	—1	—14	—118	+533,764

CHANGE OF NAME.

Madison Coal Corp., No. 5, to Mt. Olive Coal Co., at Mt. Olive in Macoupin County.

IDLE MINES.

Consolidated Coal Co., No. 7, at Staunton in Macoupin County.

Cosgrove Meehan Coal Co., No. 5, at Panama in Montgomery County.

Indiana & Illinois Coal Corp., No. 12, at Witt in Montgomery County.

Indiana & Illinois Coal Corp., No. 14, at Witt in Montgomery County.

Standard Oil Co., No. 1, at Carlinville in Macoupin County.

Standard Oil Co., No. 2, at Carlinville in Macoupin County.

FATAL ACCIDENTS.

March 20, Henry F. Cox, miner, age 51, married, died as a result of being struck on the head by a piece of rock on March 15 in the No. 1 mine of J. G. Root & Co. He leaves a widow.

April 16, Steve Mochilan, miner, age 60 years, was killed in Superior Coal Company's No. 1 mine by a fall of slate. He leaves a widow and one child.

October 31, Wm. Baker, miner, age 74 years, married, died from injuries received when he was struck by an empty car he was switching, this empty car was struck by a runaway string of loaded cars in the No. 1 mine of the Superior Coal Co. He leaves a widow.

December 17, James Turchi, miner, age 56 years, married, was killed by a fall of slate in Mine No. 10 of the Indiana and Illinois Coal Corp. He leaves a widow and one dependent child.

December 26, Ernest Bray, Sr., miner, age 55 years, married, was killed by electricity when he came in contact with the uninsulated portion of the nips of a conveyor in Mine No. 2 of the Superior Coal Co. He leaves a widow and four dependent children.

Respectfully submitted,

JOSEPH FIRTH, JR., *Inspector.*

FATAL ACCIDENTS, SIXTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Mar. 15	Mar. 20	Henry F. Cox.	51	Miner.	Shelbyville.	J. G. Root & Co.	1	1	1	1	1	1	1 Fall of rock.
Apr. 16	Apr. 16	Steve Mochlan.	60	Miner.	Bond.	Superior Coal Co.	1	1	1	1	1	2	2 Fall of slate.
Oct. 31	Oct. 31	Wm. Baker.	74	Miner.	Gillespie.	Superior Coal Co.	1	1	1	1	1	1	1 Runaway cars.
Dec. 17	Dec. 17	James Turchi.	56	Miner.	Nokomis.	Indiana & Illinois Coal Corp.	10	1	1	1	1	2	2 Fall of slate.
Dec. 26	Dec. 26	Ernest Bray, Sr.	55	Miner.	Bond.	Superior Coal Co.	2	1	1	1	4	5	5 Electrocuted.

GREENE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	A. N. Poli.....	Greenfield.....	4,136	-----	-----	-----	3,626
2	Elmer Israel.....	Poodhouse.....	1,640	-----	-----	-----	1,600
3	Ralph Beck.....	Roodhouse.....	1,000	-----	-----	-----	1,000
4	Thos. Griffiths.....	Roodhouse.....	1,000	-----	-----	-----	700
5	Burl Wyatt.....	White Hall.....	760	-----	-----	-----	760
6	J. H. Little.....	Roodhouse.....	702	-----	-----	-----	702
7	Raymond Cummins.....	Roodhouse.....	681	-----	-----	-----	681
8	C. G. Anderson.....	Roodhouse.....	623	-----	-----	-----	623
9	Ed. A. Elliott.....	Roodhouse.....	581	-----	-----	-----	581
10	Thomas H. Conlee.....	White Hall.....	580	-----	-----	-----	580
11	Bert Smith.....	Athensville.....	565	-----	-----	-----	550
12	Hector Harbaugh.....	Roodhouse.....	546	-----	-----	-----	526
13	Jas. T. Atkins.....	Roodhouse.....	492	-----	-----	-----	492
14	Frank Hopper.....	Roodhouse.....	464	-----	-----	-----	464
15	W. H. Allen.....	Roodhouse.....	382	-----	-----	-----	382
16	Theo. Hopper.....	Roodhouse.....	230	-----	-----	-----	230
17	Don Wyatt.....	White Hall.....	230	-----	-----	-----	230
18	Lee Simmons.....	White Hall.....	210	-----	-----	-----	204
19	Russel Rimbey.....	Athensville.....	185	-----	-----	-----	185
20	O. S. Walker.....	Roodhouse.....	180	-----	-----	-----	180
21	Benjamin Armstrong.....	Roodhouse.....	100	-----	-----	-----	100
22	Lloyd Elliott.....	Roodhouse.....	85	-----	-----	-----	30
23	Walter Russell.....	Roodhouse.....	75	-----	-----	-----	75
24	Garrison, Opremsnak & Worlds.....	Roodhouse.....	65	-----	-----	-----	65
25	Jessey Bowns.....	Roodhouse.....	10	-----	-----	-----	8
25 local mines total.....			15,522	-----	-----	-----	14,574

JERSEY COUNTY

LOCAL MINES.							
1	Kruse Coal Co.....	Brighton.....	700	-----	-----	-----	692
2	H. J. Geisler.....	Delhi.....	390	-----	-----	-----	390
3	Teney Bros.....	Delhi.....	230	-----	-----	-----	230
4	Robert Gamble.....	Delhi.....	226	-----	-----	-----	226
5	Otto F. Rothe.....	Jerseyville.....	221	-----	-----	-----	214
6	Huebener Coal Co., No. 1.....	Brighton.....	183	-----	-----	-----	183
7	Wagenblast Bros.....	Jerseyville.....	160	-----	-----	-----	158
8	Edwards Cairns, Jr.....	Delhi.....	120	-----	-----	-----	120
9	Huebener Coal Co., No. 2.....	Brighton.....	90	-----	-----	-----	90
10	Milton Phillips.....	Delhi.....	60	-----	-----	-----	60
10 local mines total.....			2,380	-----	-----	-----	2,363

MACOUPIN COUNTY

SHIPPING MINES.							
1	Consolidated Coal Co. of St. Louis, No. 15.....	Mt. Olive.....	789,442	430,624	282,373	-----	3,320
2	Superior Coal Co., No. 2.....	Gillespie.....	726,125	-----	703,716	-----	6,117
3	Superior Coal Co., No. 3.....	Gillespie.....	721,033	-----	690,572	-----	9,484
4	Superior Coal Co., No. 1.....	Gillespie.....	662,606	-----	644,654	-----	1,709
5	Gillespie Coal Co.....	Gillespie.....	318,866	300,378	-----	-----	17,470
6	Superior Coal Co., No. 4.....	Gillespie.....	76,684	-----	72,839	-----	-----
7	Virden Coal Co.....	Virden.....	48,565	6,438	629	-----	34,645
8	Mt. Olive Coal Co.....	Mt. Olive.....	18,450	9,001	1,457	2,008	4,128
8 shipping mines total.....			3,361,771	746,441	2,396,240	2,008	76,873

SIXTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
510	40	10	167	170	—	—	—	—	—	—	4,136	—	—	1
—	—	7	234	204	—	—	—	—	—	—	1,649	—	—	2
—	—	9	200	60	—	—	—	—	—	—	1,000	—	—	3
300	—	4	60	—	—	—	—	—	—	—	1,000	—	—	4
—	—	2	180	—	—	—	—	—	—	—	769	—	—	5
—	—	4	208	—	—	—	—	—	—	—	702	—	—	6
—	—	3	115	34	—	—	—	—	—	—	681	—	—	7
—	—	6	65	—	—	—	—	—	—	—	623	—	—	8
—	—	2	250	24	—	—	—	—	—	—	581	—	—	9
—	—	1	120	—	—	—	—	—	—	—	580	—	—	10
15	—	6	70	50	—	—	—	—	—	—	565	—	—	11
20	—	4	150	30	—	—	—	—	—	—	546	—	—	12
—	—	2	120	20	—	—	—	—	—	—	492	—	—	13
—	—	4	85	—	—	—	—	—	—	—	464	—	—	14
—	—	5	120	25	—	—	—	—	—	—	382	—	—	15
—	—	2	140	28	—	—	—	—	—	—	230	—	—	16
—	—	5	65	12	—	—	—	—	—	—	230	—	—	17
6	—	3	87	—	—	—	—	—	—	—	210	—	—	18
—	—	4	130	5	—	—	—	—	—	—	185	—	—	19
—	—	2	100	12	—	—	—	—	—	—	180	—	—	20
—	—	1	90	16	—	—	—	—	—	—	100	—	—	21
55	—	3	180	40	—	—	—	—	—	—	85	—	—	22
—	—	2	45	3	—	—	—	—	—	—	75	—	—	23
—	—	3	60	5	—	—	—	—	—	—	65	—	—	24
2	—	2	18	—	—	—	—	—	—	—	10	—	—	25
948	—	102	122	738	—	—	—	—	—	—	15,522	—	—	—

SIXTH DISTRICT.

8	—	4	140	—	—	—	—	—	—	—	700	—	—	1
—	—	8	200	—	—	—	—	—	—	—	390	—	—	2
—	—	3	132	—	—	—	—	—	—	—	230	—	—	3
—	—	1	100	22	—	—	—	—	—	—	226	—	—	4
7	—	1	250	—	—	—	—	—	—	—	221	—	—	5
—	—	8	175	—	—	—	—	—	—	—	183	—	—	6
2	—	3	80	—	—	—	—	—	—	—	160	—	—	7
—	—	3	60	—	—	—	—	—	—	—	120	—	—	8
—	—	4	35	—	—	—	—	—	—	—	—	90	—	9
—	—	1	50	—	—	—	—	—	—	—	60	—	—	10
17	—	36	122	22	—	—	—	—	—	—	2,290	90	—	—

SIXTH DISTRICT.

40,500	32,625	565	205	32,450	87,800	13	24	789,442	—	—	—	—	6	1
16,292	—	645	235	—	83,150	10	18	726,125	—	—	—	—	3	2
20,977	—	685	228	—	99,500	5	21	721,033	—	—	—	—	2	3
16,243	—	565	224	—	92,350	4	16	662,606	—	—	—	—	3	4
996	22	218	269	8,471	—	4	2	318,866	—	—	—	—	15	5
3,845	—	339	61	—	12,150	3	9	76,684	—	—	—	—	1	6
5,558	1,295	158	119	588	—	3	2	48,565	—	—	—	—	5	7
1,848	8	193	23	172	—	4	4	18,450	—	—	—	—	6	8
106,259	33,950	3,368	171	760	40,921	46	96	3,361,771	—	—	—	—	41	—

MACOUPIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Ed. A. Bauser.....	Bunker Hill.....	3,446	-----	-----	-----	3,446
2	South Mine Coal Co.....	Carlinville.....	2,613	-----	-----	-----	2,273
3	Fred Hausman.....	Brighton.....	1,425	-----	-----	-----	1,400
4	Challons Coal Co.....	Chesterfield.....	670	-----	-----	-----	610
5	John Carlson.....	Chesterfield.....	666	-----	-----	-----	666
6	Truitt & Sons.....	Chesterfield.....	639	-----	-----	-----	639
7	H. A. Malden.....	Chesterfield.....	583	-----	-----	-----	583
8	Claude Pitchford.....	Greenfield.....	353	-----	-----	-----	345
9	B. F. Stretch.....	Shelbyville.....	220	-----	-----	-----	220
10	Levi Martz.....	Shelbyville.....	150	-----	-----	-----	130
11	Roncke & Conlin.....	Carlinville.....	65	-----	-----	-----	65
11 local mines total.....			10,830	-----	-----	-----	10,377
19 all mines total.....			3,372,601	746,441	2,396,240	2,005	87,250

MONTGOMERY COUNTY

SHIPPING MINES.							
1	Indiana & Illinois Coal Corp., No. 10.....	Nokomis.....	358,912	222,270	125,967	-----	1,289
2	Hillsboro Coal Co., No. 1.....	Hillsboro.....	190,759	94,053	47,228	-----	37,988
2 shipping mines total.....			549,671	316,323	173,195	-----	39,277

SHELBY COUNTY

SHIPPING MINE.							
1	Erie Sootless Coal Co.....	Moweaqua.....	10,362	2,000	-----	-----	6,762
LOCAL MINES.							
1	J. G. Root & Co.....	Shelbyville.....	6,317	-----	-----	-----	6,317
2	Arch Tallman, No. 2.....	Shelbyville.....	3,261	-----	-----	-----	3,161
3	Arch Tallman, No. 1.....	Shelbyville.....	3,095	-----	-----	-----	3,020
4	Auld & Cruit.....	Shelbyville.....	3,005	-----	-----	-----	3,005
5	Ralph Gallagher.....	Mode.....	1,379	-----	-----	-----	1,360
6	W. M. Mangel.....	Neoga.....	500	-----	-----	-----	500
7	Clarence Sterner.....	Mode.....	500	-----	-----	-----	500
8	Tubb Coal Co.....	Shelbyville.....	460	-----	-----	-----	457
9	Okaw Coal Co.....	Shelbyville.....	410	-----	-----	-----	400
10	Edw. Rieff.....	Mode.....	338	-----	-----	-----	338
11	Walter A. Cushman.....	Mode.....	296	-----	-----	-----	290
12	A. P. Heinz.....	Shelbyville.....	150	-----	-----	-----	144
13	E. A. Harlow.....	Shelbyville.....	80	-----	-----	-----	65
14	Ben Anderson.....	Shelbyville.....	60	-----	-----	-----	60
14 local mines total.....			19,851	-----	-----	-----	19,617
15 all mines total.....			30,213	2,000	-----	-----	26,379

SIXTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
240	100	12	167	40	—	—	—	1	—	3,446	—	—	—	1
25	—	23	30	23	—	—	—	1	—	2,612	—	—	—	2
60	—	5	200	94	—	—	—	—	—	—	1,425	—	—	3
—	—	4	110	78	—	—	—	—	—	—	670	—	—	4
—	—	4	90	40	—	—	—	—	—	—	666	—	—	5
—	—	4	80	32	—	—	—	—	—	—	639	—	—	6
—	—	5	144	49	—	—	—	—	—	—	583	—	—	7
8	—	2	120	40	—	—	—	—	—	—	353	—	—	8
—	—	5	75	—	—	—	—	—	—	—	220	—	—	9
20	—	3	90	—	—	—	—	—	—	—	150	—	—	10
—	—	2	60	5	—	—	—	—	—	—	65	—	—	11
353	100	73	106	401	—	—	—	2	—	6,059	4,771	—	—	—
106,612	34,050	3,441	133	1,161	40,921	—	374,950	48	96	3,367,830	4,771	—	—	41

SIXTH DISTRICT.

450	8,936	565	145	14	83,200	—	2,400	9	21	358,912	—	—	—	1
10,552	938	231	208	1,678	—	—	—	6	5	190,759	—	—	15	2
11,002	9,874	796	177	1,692	83,200	—	2,400	15	26	549,671	—	—	15	—

SIXTH DISTRICT.

1,600	—	71	64	—	—	—	6,650	4	1	10,362	—	—	3	1
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	23	312	—	—	—	—	—	—	—	6,317	—	—	1
100	—	14	163	—	—	—	—	—	—	—	3,261	—	—	2
75	—	14	155	—	—	—	—	—	—	—	3,095	—	—	3
—	—	20	237	—	—	—	—	—	—	—	3,005	—	—	4
19	—	10	240	—	—	—	—	—	—	—	1,379	—	—	5
—	—	5	100	—	—	—	—	—	—	—	—	500	—	6
—	—	6	125	—	—	—	—	—	—	—	500	—	—	7
3	—	8	160	—	—	—	—	—	—	—	460	—	—	8
10	—	4	90	—	—	—	—	—	—	—	410	—	—	9
—	—	5	100	—	—	—	—	—	—	—	338	—	—	10
6	—	7	58	—	—	—	—	—	—	—	296	—	—	11
6	—	6	58	—	—	—	—	—	—	—	150	—	—	12
15	—	2	120	—	—	—	—	—	—	—	80	—	—	13
—	—	2	40	—	—	—	—	—	—	—	60	—	—	14
234	—	126	140	—	—	—	—	—	—	—	19,351	500	—	—
1,834	—	197	135	—	—	—	6,650	4	1	10,362	19,351	500	3	—

SIXTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Macoupin.....	8	3,361,771	746,441	2,396,240	2,008	76,873	106,259	33,950
Montgomery.....	2	549,671	316,323	173,195	-----	39,277	11,002	9,874
Shelby.....	1	10,362	2,000	-----	-----	6,762	1,600	-----
Total.....	11	3,921,804	1,064,764	2,569,435	2,008	122,912	118,861	43,824

LOCAL MINES

Greene.....	25	15,522	-----	-----	-----	14,574	948	-----
Jersey.....	10	2,380	-----	-----	-----	2,363	17	-----
Macoupin.....	11	10,830	-----	-----	-----	10,377	353	100
Shelby.....	14	19,851	-----	-----	-----	19,617	234	-----
Total.....	60	48,583	-----	-----	-----	46,931	1,552	100

ALL MINES

Greene.....	25	15,522	-----	-----	-----	14,574	948	-----
Jersey.....	10	2,380	-----	-----	-----	2,363	17	-----
Macoupin.....	19	3,372,601	746,441	2,396,240	2,008	87,250	106,612	34,050
Montgomery.....	2	549,671	316,323	173,195	-----	39,277	11,002	9,870
Shelby.....	15	30,213	2,000	-----	-----	26,379	1,834	-----
Total.....	71	3,970,387	1,064,764	2,569,435	2,008	169,843	120,413	43,924

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,368	171	760	40,921	-----	374,950	46	96	3,361,771	-----	-----	41
796	177	1,692	83,200	-----	2,400	15	26	549,671	-----	-----	15
71	64	-----	-----	-----	6,650	4	1	10,362	-----	-----	3
4,235	162	2,452	124,121	-----	384,000	65	123	3,921,804	-----	-----	59

SIXTH DISTRICT.

102	122	738	-----	-----	-----	-----	-----	15,522	-----	-----	-----
36	122	22	-----	-----	-----	-----	-----	2,290	-----	90	-----
73	106	401	-----	-----	-----	2	-----	6,059	4,771	-----	-----
126	140	-----	-----	-----	-----	-----	-----	-----	19,351	500	-----
337	123	1,161	-----	-----	-----	2	-----	6,059	41,934	590	-----

SIXTH DISTRICT.

102	122	738	-----	-----	-----	-----	-----	15,522	-----	-----	-----
36	122	22	-----	-----	-----	-----	-----	2,290	-----	90	-----
3,441	133	1,161	40,921	-----	374,950	48	96	3,367,830	4,771	-----	41
796	177	1,692	83,200	-----	2,400	15	26	549,671	-----	-----	15
197	135	-----	-----	-----	6,650	4	1	10,362	19,351	500	3
4,572	129	3,613	124,121	-----	384,000	67	123	3,927,863	41,934	590	59

SEVENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Seventh Inspection District, comprising the coal producing counties of Bond, Crawford, Jasper, Madison, Marion and Richland, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	6	3	3	4	4
Number of shipping mines.....	10	10	12	12	15
Number of local mines.....	36	21	12	10	8
Number of employees underground.....	2,355	2,214	2,391	1,997	2,842
Number of employees on surface.....	421	369	292	281	377
Total number employed.....	2,776	2,583	2,683	2,278	3,219
Tons of coal produced in shipping mines.....	1,663,887	1,549,275	1,320,089	1,505,906	2,670,745
Tons of coal produced in local mines.....	280,045	175,131	80,655	67,312	69,971
Tons of coal produced, total.....	1,943,932	1,724,406	1,400,744	1,573,218	2,740,716
Days operated, shipping mines, average.....	126	135	120	125	137
Days operated, local mines, average.....	130	153	172	140	113
Number of undercutting machines.....	73	70	75	83	133
Tons undercut.....	1,803,171	1,640,526	1,306,110	1,408,218	2,624,706
Tons mined by hand.....	112,217	83,880	94,634	165,000	116,010
Tons mined in strip mines.....	28,544				
Number of loading machines used.....	60	88	143	115	187
Tons loaded mechanically.....	1,142,519	1,144,014	868,085	1,002,064	1,437,702
Number of fatal accidents.....	7	1	4	5	5
Number of non-fatal accidents.....	19.5	170	147	150	297
Number of employees to each fatality.....	397	2,583	671	456	644
Number employed to each non-fatal accident.....	14.2	15.2	18.2	15.2	10.8
Tons of coal mined to each fatality.....	277,705	1,724,406	350,186	314,644	548,143
Tons mined to each non-fatal accident.....	9,969	14,144	9,529	10,488	9,228
Number of fatalities per 1,000 employed.....	2.5	0.4	1.5	2.2	1.6
Number of injured per 1,000 employed.....	70.2	66.0	54.8	65.9	92.3

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	16	5	3,431,199	61,511	3,447	91	156	118	6	458	582,118
1930.....	15	8	2,670,745	69,971	3,084	135	137	113	5	297	548,143
1931.....	12	10	1,505,906	67,312	2,141	137	125	140	5	150	314,644
1932.....	12	12	1,320,089	80,655	2,513	170	120	172	4	147	350,186
1933.....	10	21	1,549,275	175,131	2,250	333	135	153	1	170	1,724,406
Average for 5 years.....	13	11	2,095,443	90,916	2,687	173	136	146	4	244	520,562
1934.....	10	36	1,663,887	280,045	2,275	501	126	130	7	195	277,705
Gain (+) or loss (—), 1934 over previous 5 years.....	—3	+25	—431,556	+189,129	—412	+328	—10	—16	+3	—49	—242,857

NEW MINE.

Stiers Bros. Construction Co., at Moro in Madison County.

IDLE MINES.

Henrietta Coal Co., H. T., at Edwardsville in Madison County.

Lumaghi Coal Co., No. 3, at Collinsville in Madison County.

Madison Coal Corp., No. 2, at Glen Carbon in Madison County.

FATAL ACCIDENTS.

February 22, Ben Eccles, miner, age 54 years, married, was killed by a fall of clod in Harrison & Eccles Coal Company's mine. He leaves a widow.

March 22, William Lewis, loader, age 75 years, married, came to his death in Chicopee Coal Company's mine, by inhaling impure air. He leaves a widow.

April 9, Pete Stefani, snubber, age 52 years, married, was killed by a fall of coal in Mt. Olive and Staunton Coal Company's mine. He leaves a widow and one child.

May 1, Phillip Piana, loading machine operator, age 48 years, married, was killed in Mt. Olive & Staunton Coal Company's mine by a fall of slate. He leaves a widow.

August 30, John Tonso, miner, age 49 years, married, was electrocuted by contact of his lamp with a trolley wire while uncoupling a steel car in the Lumaghi Coal Company's No. 2 mine. He leaves a widow and two children.

August 31, Fred Kebble, tracklayer, age 45 years, married, was electrocuted by coming in contact with bare wire while repairing track in the Madison County Coal and Mining Company's No. 4 mine. He leaves a widow and five children.

November 27, Andy Biros, shoveler on under-cutter, age 47 years, married, died as a result of injuries received the day before from a fall of face coal in Mine No. 2 of the Mt. Olive & Staunton Coal Co. He leaves a widow and two children.

Respectfully submitted.

T. ALVIN SCULLY, *Inspector.*

FATAL ACCIDENTS, SEVENTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 22	Feb. 22	Ben Eccles.	54	Miner.	Alton	Harrison & Eccles.	-----	1	1	1	1	1	1 Fall of clod.
Mar. 22	Mar. 22	William Lewis.	75	Leader.	Troy	Chicopee Coal Co., No. 1.	-----	1	1	1	1	1	1 Asphyxiation.
Apr. 9	Apr. 9	Pete Stefani.	52	Shubber.	Staunton.	Mt. Olive & Staunton Coal Co.	-----	2	1	1	1	1	2 Fall of coal.
May 1	May 1	Phillip Piana.	48	Leading machine operator.	Staunton.	Mt. Olive & Staunton Coal Co.	-----	2	1	1	1	1	1 Fall of slate.
Aug. 30	Aug. 30	John Tonso.	49	Miner.	Collinsville.	Lumazhi Coal Co.	-----	2	1	1	1	2	3 Electrocutted.
Aug. 31	Aug. 31	Fred Kebble.	45	Track layer.	Collinsville.	Madison County Coal & Mining Co.	-----	4	1	1	1	1	5 Electrocutted.
Nov. 26	Nov. 27	Andy Binos.	47	Shoveler on undercutter.	Williamson.	Mt. Olive & Staunton Coal Co.	-----	2	1	1	1	3	3 Fall of coal.

NON-FATAL ACCIDENTS, SEVENTH DISTRICT.

Name of operator.	Number injured.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.	
		Total.	Average.	Number injured.	Days lost.		Number injured.	Month.	Number injured.
					Total.	Average.			
Bunker Hill Coal Co.	7	138	20	6	96	16	1	January	20
Chicopee Coal Co.	3	92	31	2	40	23	1	February	10
Illinois-Pocahontas Coal Co., "A."	6	137	23	5	64	13	1	March	23
Livingston-Mt. Olive Coal Co., No. 1	29	912	31	21	392	19	8	April	16
Lumachi Coal Co., No. 2	53	1,257	29	29	482	17	15	May	8
Madison County C. & M. Co.	16	195	20	9	143	16	1	June	8
Marion County Coal Co.	8	165	24	6	94	16	1	July	6
Mt. Olive & Staunton Coal Co., No. 2	41	1,529	44	16	272	17	19	August	22
Odin Coal Co.	6	127	42	3	-----	-----	3	September	20
Shipping mines	169	4,552	32	94	1,589	17	50	October	19
Local mines	26	392	24	21	341	16	4	November	19
Total	195	5,144	30	115	1,930	17	54	December	21
								Total	*195

* Includes 3 accidents not reported by month in which they occurred.

BOND COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINE.							
1	Illinois Pocahontas Coal Co.....	Pocahontas.....	28,612	20,376	2,455	-----	3,404

CRAWFORD COUNTY

LOCAL MINES.							
1	Caley & Blair.....	Palestine.....	3,231	-----	-----	-----	3,000
2	Jess L. McCammon.....	Palestine.....	1,805	-----	-----	-----	1,800
3	Ikemire & Core.....	Palestine.....	300	-----	-----	-----	210
4	J. H. Carver.....	Palestine.....	142	-----	-----	-----	142
5	W. D. McColpin.....	Robinson.....	100	-----	-----	-----	90
5 local mines total.....			5,578	-----	-----	-----	5,242

JASPER COUNTY

LOCAL MINES.							
1	Joseph Jourdan.....	Newton.....	150	-----	-----	-----	145
2	Jourdan & Lytle.....	Newton.....	130	-----	-----	-----	125
2 local mines total.....			280	-----	-----	-----	270

MADISON COUNTY

SHIPPING MINES.							
1	Mt. Olive & Staunton Coal Co., No. 2.....	Staunton.....	584,226	563,203	-----	-----	5,011
2	Lumaghi Coal Co., No. 2.....	Collinsville.....	373,006	284,711	33,362	-----	56,517
3	The Livingston-Mt. Olive Coal Co., No. 1.....	Livingston.....	186,524	96,545	34,334	-----	37,718
4	Madison County Coal & Mining Co.....	Ewardsville.....	110,797	100,040	2,447	-----	810
5	Chicopee Coal Co.....	Troy.....	49,964	6,293	-----	-----	24,187
6	Stiers Bros. Construction Co.....	Moro.....	28,109	7,746	6,629	-----	9,225
7	Bullock Mining Co.....	Collinsville.....	15,887	3,802	-----	-----	11,179
7 shipping mines total.....			1,342,513	1,062,340	76,772	-----	138,647
LOCAL MINES.							
1	Collinsville Coal Corp.....	Collinsville.....	67,322	-----	-----	-----	62,222
2	Bunker Hill Coal & Mining Co.....	Collinsville.....	45,514	-----	-----	-----	41,944
3	Sugar Loaf Coal Corp.....	Collinsville.....	34,738	-----	-----	-----	30,056
4	Glen Carbon Coal Co.....	Collinsville.....	30,646	-----	-----	-----	27,766
5	Hardscrabble Coal Co.....	Collinsville.....	24,621	-----	-----	-----	23,621
6	Buxton Coal Co.....	Collinsville.....	16,268	-----	-----	-----	15,343

SEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
1,800	577	163	58	-----	11,650	25	-----	6	1	28,612	-----	-----	6	1

SEVENTH DISTRICT.

231	-----	7	250	129	-----	-----	-----	-----	-----	-----	3,231	-----	-----	1
5	-----	7	182	168	-----	-----	-----	-----	-----	-----	1,805	-----	-----	2
90	-----	5	90	-----	-----	-----	-----	-----	-----	-----	-----	300	-----	3
-----	-----	4	70	56	-----	-----	-----	-----	-----	-----	142	-----	-----	4
10	-----	12	100	-----	-----	-----	-----	-----	-----	-----	-----	100	-----	5
336	-----	25	138	353	-----	-----	-----	-----	-----	-----	5,178	400	-----	-----

SEVENTH DISTRICT.

5	-----	5	65	25	-----	-----	-----	-----	-----	-----	150	-----	-----	1
5	-----	4	45	20	-----	-----	-----	-----	-----	-----	130	-----	-----	2
10	-----	9	55	45	-----	-----	-----	-----	-----	-----	280	-----	-----	-----

SEVENTH DISTRICT.

16,012	-----	550	225	2,398	-----	2,275	12	9	584,226	-----	-----	24	1
4,416	-----	366	205	621	74,500	-----	8	14	373,006	-----	-----	5	2
7,316	4,611	349	142	1,350	-----	-----	9	7	180,524	-----	-----	1	3
5,400	2,100	203	110	1,067	-----	-----	5	7	110,797	-----	-----	1	4
5,580	13,904	111	99	-----	6,600	-----	2	2	49,964	-----	-----	8	5
-----	4,509	24	107	-----	-----	-----	-----	-----	-----	-----	28,109	-----	6
120	786	59	85	580	-----	-----	-----	-----	-----	15,887	-----	5	7
38,844	25,910	1,662	139	6,016	81,100	-----	36	39	1,298,517	15,887	28,109	44	-----
3,800	1,300	65	212	-----	10,000	-----	3	-----	67,322	-----	-----	-----	1
750	2,820	62	203	365	-----	-----	2	-----	45,514	-----	-----	-----	2
1,190	3,492	38	227	226	-----	-----	-----	-----	-----	34,738	-----	-----	3
2,880	-----	19	312	302	-----	-----	2	-----	30,646	-----	-----	-----	4
800	200	44	191	411	-----	-----	2	-----	24,621	-----	-----	-----	5
925	-----	25	185	542	-----	-----	-----	-----	-----	16,268	-----	-----	6

MADISON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
7	East Side Coal Co.....	Edwardsville.....	11,185	-----	-----	-----	10,000
8	Klondike Coal Co.....	Worden.....	9,389	-----	-----	-----	8,624
9	Henrietta Coal Co., "Hen".....	Edwardsville.....	8,560	-----	-----	-----	7,065
10	Carlin Coal & Mining Co.....	Bethalto.....	7,932	-----	-----	-----	7,232
11	Culp Grove Coal Co.....	Alton.....	4,555	-----	-----	-----	4,055
12	Moro Coal Co.....	Moro.....	4,201	-----	-----	-----	4,201
13	Hillside Coal Co.....	Bethalto.....	3,254	-----	-----	-----	3,254
14	Draper-Johnson.....	Alton.....	2,020	-----	-----	-----	1,898
15	Warren W. Wilson.....	Godfrey.....	1,140	-----	-----	-----	1,140
16	Gerdtt Coal Co.....	Godfrey.....	815	-----	-----	-----	811
17	Vanduker Coal Co.....	Bethalto.....	509	-----	-----	-----	509
18	Panama Coal Co.....	Bethalto.....	454	-----	-----	-----	452
19	Joe Jackson.....	Alton.....	410	-----	-----	-----	410
20	Mussel & McCully Coal Co.....	Alton.....	368	-----	-----	-----	365
21	Ernst H. Rink.....	Alton.....	250	-----	-----	-----	245
22	Warren Sisk.....	Alton.....	102	-----	-----	-----	102
23	Sherman Coal Co.....	Bethalto.....	80	-----	-----	-----	80
24	Cripple Creek Coal Co.....	Alton.....	30	-----	-----	-----	30
25	Cherrier Bros.....	Bethalto.....	28	-----	-----	-----	26
26	Wm. Frederiek.....	Alton.....	23	-----	-----	-----	23
27	Frank Knezik.....	Alton.....	22	-----	-----	-----	22
28	V. Renner & Wm. Skreber.....	Alton.....	16	-----	-----	-----	10
28 local mines total.....			274,152	-----	-----	-----	251,506
35 all mines total.....			1,616,665	1,062,340	76,772	-----	390,153

MARION COUNTY

SHIPPING MINES.						
1	Marion County Coal Co.....	Marion.....	241,578	148,602	51,871	20,058
2	Odin Coal Co.....	Odin.....	51,184	13,125	15,355	11,525
2 shipping mines total.....		-----	292,762	161,727	67,226	31,583

RICHLAND COUNTY

LOCAL MINE.						
1	Bartley & Harper.....	Calhoun.....	35	-----	-----	35

SEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
530	655	21	172	456	—	—	—	—	—	—	11,185	—	—	7
765	—	13	166	132	—	—	—	1	—	6,470	2,919	—	—	8
861	634	50	45	—	1,300	—	—	—	—	—	8,569	—	—	9
500	200	23	159	51	3,800	50	—	1	—	4,396	3,536	—	—	10
200	—	11	205	50	—	—	—	1	—	4,255	—	—	—	11
—	—	10	145	40	—	—	—	—	—	—	4,201	—	—	12
—	—	13	200	40	—	—	—	—	—	—	3,254	—	—	13
122	—	9	181	85	—	—	—	—	—	—	2,020	—	—	14
—	—	4	160	29	—	—	—	—	—	—	1,140	—	—	15
4	—	10	189	26	—	100	—	—	—	—	815	—	—	16
—	—	6	100	47	—	—	—	1	—	359	150	—	—	17
2	—	7	78	5	—	—	—	—	—	—	454	—	—	18
—	—	2	180	20	—	—	—	—	—	—	410	—	—	19
3	—	4	140	—	—	—	—	—	—	—	368	—	—	20
5	—	3	90	4	—	—	—	—	—	—	250	—	—	21
—	—	3	51	10	—	—	—	—	—	—	102	—	—	22
—	—	2	90	—	25	—	—	—	—	—	80	—	—	23
—	—	3	30	2	—	—	—	—	—	—	30	—	—	24
2	—	11	51	1	—	—	—	—	—	—	28	—	—	25
—	—	4	8	—	—	—	—	—	—	—	22	—	—	26
—	—	1	30	1	—	—	—	—	—	—	22	—	—	27
6	—	2	13	2	—	—	—	—	—	—	16	—	—	28
13,345	9,301	465	137	2,846	15,125	150	—	13	—	183,583	90,569	—	—	—
52,189	35,211	2,127	137	8,862	96,225	150	2,275	49	39	1,482,100	106,456	28,109	44	—

SEVENTH DISTRICT.

11,600	9,447	253	143	—	—	43,850	8	6	241,578	—	—	—	18	1
10,675	504	197	84	529	—	—	10	2	50,881	303	—	—	17	2
22,275	9,951	450	114	529	—	43,850	18	8	292,459	303	—	—	35	—

SEVENTH DISTRICT.

—	—	2	80	—	—	15	—	—	—	—	—	35	—	1
---	---	---	----	---	---	----	---	---	---	---	---	----	---	---

SEVENTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Bond.....	1	28,612	20,376	2,455	-----	3,404	1,800	577
Madison.....	7	1,342,513	1,062,340	76,772	-----	138,647	38,844	25,910
Marion.....	2	292,762	161,727	67,226	-----	31,583	22,275	9,951
Total.....	10	1,663,887	1,244,443	146,453	-----	173,634	62,919	36,438

LOCAL MINES

Crawford.....	5	5,578	-----	-----	-----	5,242	336	-----
Jasper.....	2	280	-----	-----	-----	270	10	-----
Madison.....	28	274,152	-----	-----	-----	251,506	13,345	9,301
Richland.....	1	35	-----	-----	-----	35	-----	-----
Total.....	36	280,045	-----	-----	-----	257,053	13,691	9,301

ALL MINES

Bond.....	1	28,612	20,376	2,455	-----	3,404	1,800	577
Crawford.....	5	5,578	-----	-----	-----	5,242	336	-----
Jasper.....	2	280	-----	-----	-----	270	10	-----
Madison.....	35	1,616,665	1,062,340	76,772	-----	390,153	52,189	35,211
Marion.....	2	292,762	161,727	67,226	-----	31,583	22,275	9,951
Richland.....	1	35	-----	-----	-----	35	-----	-----
Total.....	46	1,943,932	1,244,443	146,453	-----	430,687	76,610	45,739

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
163	58	-----	11,650	25	-----	6	1	28,612	-----	-----	6
1,662	139	6,016	81,100	-----	2,275	36	39	1,298,517	15,887	28,109	44
450	114	529	-----	-----	43,850	18	8	292,459	303	-----	35
2,275	126	6,545	92,750	25	46,125	60	48	1,619,588	16,190	28,109	85

SEVENTH DISTRICT.

25	138	353	-----	-----	-----	-----	-----	-----	5,178	400	-----
9	55	45	-----	-----	-----	-----	-----	-----	280	-----	-----
465	137	2,846	15,125	150	-----	13	-----	183,583	90,569	-----	-----
2	80	-----	-----	15	-----	-----	-----	-----	-----	35	-----
501	130	3,244	15,125	165	-----	13	-----	183,583	96,027	435	-----

SEVENTH DISTRICT.

163	58	-----	11,650	25	-----	6	1	28,612	-----	-----	6
25	138	353	-----	-----	-----	-----	-----	-----	5,178	400	-----
9	55	45	-----	-----	-----	-----	-----	-----	280	-----	-----
2,127	137	8,862	96,225	150	2,275	49	39	1,482,100	106,456	28,109	44
450	114	529	-----	-----	43,850	18	8	292,459	303	-----	35
2	80	-----	-----	15	-----	-----	-----	-----	-----	35	-----
2,776	129	9,789	107,875	190	46,125	73	48	1,803,171	112,217	28,544	85

EIGHTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eighth Inspection District, comprising the coal producing counties of Clinton, Monroe and St. Clair, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	3	3	3	2	2
Number of shipping mines.....	25	26	30	28	30
Number of local mines.....	47	45	33	25	22
Number of employees underground.....	3,188	3,017	2,989	2,882	3,123
Number of employees on surface.....	540	550	506	547	535
Total number employed.....	3,728	3,567	3,495	3,429	3,658
Tons of coal produced in shipping mines.....	2,328,014	2,269,978	1,905,835	2,613,653	2,507,507
Tons of coal produced in local mines.....	464,899	374,432	357,601	348,497	305,044
Tons of coal produced, total.....	2,792,913	2,644,410	2,263,436	2,962,150	2,812,551
Days operated, shipping mines, average.....	147	119	96	130	116
Days operated, local mines, average.....	146	132	147	171	167
Number of undereutting machines.....	66	63	69	58	56
Tons undercut.....	1,392,014	1,363,828	1,002,158	1,507,848	1,404,741
Tons mined by hand.....	1,337,769	1,190,468	1,008,328	1,084,318	1,132,490
Tons mined in strip mines.....	63,130	90,114	252,950	369,984	275,320
Number of loading machines used.....	49	54	97	131	123
Tons loaded mechanically.....	740,470	804,215	815,936	1,458,202	1,333,550
Number of fatal accidents.....	4	3	2	8	3
Number of non-fatal accidents.....	166	125	112	194	219
Number of employees to each fatality.....	932	1,189	1,747	429	1,219
Number employed to each non-fatal accident.....	22.5	28.5	31.2	17.7	16.7
Tons of coal mined to each fatality.....	698,228	881,470	1,131,718	370,269	937,517
Tons mined to each non-fatal accident.....	16,825	21,155	20,209	15,269	12,843
Number of fatalities per 1,000 employed.....	1.1	0.8	.6	2.3	.82
Number injured per 1,000 employed.....	44.5	35.0	32	56.6	59.8

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	32	20	3,130,415	215,869	3,447	331	138	144	5	290	669,257
1930.....	30	22	2,507,507	305,044	3,253	405	116	167	3	219	937,517
1931.....	28	25	2,613,653	348,497	2,924	505	130	171	8	194	370,269
1932.....	30	33	1,905,835	357,601	2,886	609	96	147	2	112	1,131,718
1933.....	26	45	2,269,978	374,432	2,787	780	119	132	3	125	881,470
Average for 5 years.....	29	29	2,485,478	320,289	3,059	526	120	149	4	188	668,040
1934.....	25	47	2,328,014	464,455	2,967	761	147	146	4	166	698,228
Gain (+) or loss (—), 1934 over previous 5 years.....	—4	+18	—157,464	+144,166	—92	+235	—27	—3	—	—22	+30,188

CHANGE OF NAME.

Devils Hole Coal Co. to Hippard Coal Co., No. 2, Belleville in St. Clair County.

Kolb Coal Co., to Yoch Coal Co., Mascoutah in St. Clair County.

SHIPPING MINES THAT OPERATED AS LOCAL MINES.

Fullerton Coal Co., Belleville in St. Clair County.

Hippard Coal Co., No. 1, Belleville in St. Clair County.

Hippard Coal Co., No. 2, Belleville in St. Clair County.

H. E. Miller Coal Co., O'Fallon in St. Clair County.

New National Coal Co., Belleville in St. Clair County.

Southern Coal, Coke & Mining Co., No. 6, Belleville in St. Clair County.

Yoch Coal Co., Mascoutah in St. Clair County.

IDLE MINES.

Alcoa Ore Co., Belleville in St. Clair County.

Breese Trenton Mining Co., Breese in Clinton County.

Perry Coal Co., "Taylor," O'Fallon in St. Clair County.

Southern Coal, Coke & Mining Co., No. 8, Belleville in St. Clair County.

Summit Coal Co., Belleville in St. Clair County.

FATAL ACCIDENTS.

March 9, Jule Rensing, miner, age 51 years, married, was killed by a fall of coal in Southern Coal Coke & Mining Company's No. 9 mine. He leaves a widow and one child.

June 9, E. C. Allen, bottom boss, age 51 years, married, was crushed to death between motor and car in St. Louis and O'Fallon Coal Company's mine No. 2. He leaves a widow.

August 10, William Dreyer, miner, age 69 years, married, was killed by a runaway loaded car in the Golden Rule Coal Company's mine. He leaves a widow.

December 30, John Thomas, miner, age 62 years, single, was killed when he fell in front of a moving string of three loaded cars in the Richland mine of the Groom Coal Co.

Respectfully submitted,

DAVID T. STUART, *Inspector.*

FATAL ACCIDENTS, EIGHTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Mar. 9	9	Jule Rensing	51	Miner	German town	Southern Coal, Coke & Mining Co.	9	1	1	1	1	2	Fall of coal.
June 9	9	E. C. Allen	51	Bottom boss	Collinsville	St. Louis & O'Fallon Coal Co.	2	1	1	1	1	1	Pit cars.
Aug. 10	10	William Dreyer	69	Miner	Lenzburg	Golden Rule Coal Co.	1	1	1	1	1	1	Pit cars.
Dec. 30	30	John Thomas	62	Miner	Belleville	Groom Coal Co.	1	1	1	1	1	1	Pit cars.

NON-FATAL ACCIDENTS, EIGHTH DISTRICT.

Name of operator.	Number injured.	Number not re- turned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month.	Number injured.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Buckemeyer Coal Co.	6		296	34	1	21	21	5	185	37	January	16
Citizens Coal Co., "B"	3		61	20	3	61	20				February	20
Eldinar Coal Co.	2		25	13	2	25	13				March	27
Freeburg Coal Co.	1		31	31				1	31	31	April	4
Gill Coal Co.	4	1	43	14	3	43	14				May	7
Golden Rule Coal Co.	10	1	379	42	5	85	17	4	294	74	June	12
Groom Coal Co.	2		211	106	1	26	26	1	185	185	July	5
Guest Coal Co.	6		78	13	6	78	13				August	8
Gundlach Coal Co.	9		500	56	3	61	20	6	439	73	September	15
Lenzburg Coal Co.	2		22	11	2	22	11				October	20
Mulberry Hill Coal Co.	2		53	27	2	53	27				November	26
O. K. Coal Co.	3		87	29	1	8	8	2	79	40	December	
Perry Coal Co., "Carbon"	7	1	198	33	4	60	15	2	138	69		
Perry Coal Co., "St. Ellen"	25	2	1,076	45	7	101	14	17	975	57		
Perry Coal Co.	8		110	18	6	110	18					
Prairie Coal Co.	3		344	115	1	14	14	2	330	165		
Quality Coal Co.	3	1	68	34	1	26	26	1	42	42		
Rentschler Coal Co.	3		690	49	5	125	25	9	565	63		
St. Louis & O'Fallon Coal Co., No. 2	19	5	71	18	3	49	13	1	31	31		
Service Coal Co.	5	1	7	7	1	7	7					
Southern C. C. & M. Co., No. 7	1		368	74	3	38	13	2	330	165		
Southern C. C. & M. Co., No. 9	5		306	41	4	55	14	3	251	84		
Vinegar Hill Coal Co.	8	1										
White Coal Co.	1	1										
Shipping mines	135	15	4,934	41	64	1,059	17	56	3,875	69		
Local mines	31		729	24	21	331	15	10	398	40		
Total	166	15	5,663	38	85	1,390	16	66	4,273	65	Total	166

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CLINTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
	SHIPPING MINES.						
1	Southern Coal, Coke & Mining Co., No. 9.....	New Baden.....	149,092	123,435	5,426	-----	9,719
2	Citizens Coal Co., "E".....	Breese.....	79,239	37,958	-----	-----	37,526
3	Beckemeyer Coal Co.....	Beckemeyer.....	55,919	17,764	453	-----	32,120
	3 shipping mines total.....	-----	284,250	179,157	5,879	-----	79,365

MONROE COUNTY

LOCAL MINES.							
1	Columbia & Waterloo Coal Co.....	Columbia.....	444	-----	-----	-----	333

ST. CLAIR COUNTY

SHIPPING MINES.							
1	St. Louis & O'Fallon Coal Co., No. 2.....	E. St. Louis.....	420,774	240,286	143,179	1,614	4,142
2	Perry Coal Co., "St. Ellen".....	O'Fallon.....	370,692	168,687	12,812	-----	180,639
3	Southern Coal, Coke & Mining Co., No. 7.....	Belleville.....	151,779	65,080	-----	-----	79,927
4	Gundlach Coal Co.....	E. St. Louis.....	134,932	76,013	32,536	1,567	20,676
5	Groom Coal Co.....	Belleville.....	90,939	18,601	-----	21,571	44,478
6	Prairie Coal Co.....	Belleville.....	84,963	15,497	-----	-----	55,648
7	Perry Coal Co., "Carbon".....	O'Fallon.....	83,067	3,473	43,698	-----	34,328
8	Vinegar Hill Coal Co.....	Lenzburg.....	78,974	74,319	-----	-----	1,929
9	Golden Rule Coal Co.....	Lenzburg.....	74,056	57,133	14,218	-----	1,340
10	Service Coal Co.....	Belleville.....	71,941	5,771	-----	-----	58,481
11	Mulberry Hill Coal Co.....	Freeburg.....	66,922	12,375	497	-----	48,216
12	White Coal Co.....	Belleville.....	66,481	11,441	-----	-----	54,142
13	O. K. Coal Co.....	Marissa.....	63,660	51,339	9,981	-----	-----
14	Gill Coal Co.....	Marissa.....	54,733	49,527	1,200	-----	2,056
15	Freeburg Coal Co.....	Freeburg.....	46,800	8,580	-----	-----	35,780
16	Rentchler Coal & Mining Co.....	Belleville.....	45,437	1,000	-----	-----	37,083
17	Quality Coal & Mining Co.....	Belleville.....	40,984	4,070	-----	-----	33,296
18	Guest Coal Co.....	Belleville.....	38,203	2,608	-----	-----	30,943
19	Eldnar Coal Co.....	Belleville.....	27,386	5,081	-----	-----	20,105
20	Lenzburg Coal Co.....	Lenzburg.....	26,683	23,757	1,750	-----	1,050
21	Jones Bros. Coal & Mining Co., No. 1.....	Marissa.....	4,040	1,942	-----	-----	1,858
22	United Electric Coal Co., No. 13.....	Freeburg.....	318	113	205	-----	-----
22 shipping mines total.....			2,043,764	896,693	260,076	24,752	746,117
LOCAL MINES.							
1	New National Coal & Mining Co.....	Belleville.....	49,522	-----	-----	-----	49,498
2	F. C. Morgan Coal Co., No. 1.....	Millstadt.....	40,355	-----	-----	-----	40,355
3	Bell Heat Coal Co.....	Belleville.....	35,580	-----	-----	-----	35,480
4	Crown Coal Co.....	Freeburg.....	32,277	-----	-----	-----	31,227
5	East Bell Coal Co.....	Belleville.....	29,482	-----	-----	-----	29,457
6	Southern Coal, Coke & Mining Co., No. 1.....	Belleville.....	28,134	-----	-----	-----	28,134

EIGHTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
9,390	1,122	262	171	1,800	-----	-----	-----	12	11	149,092	-----	-----	-----	1
3,755	-----	112	190	1,197	-----	-----	-----	4	2	79,239	-----	-----	6	2
2,897	2,685	97	194	400	-----	-----	2,750	3	1	55,919	-----	-----	4	3
16,042	3,807	471	185	3,397	-----	-----	2,750	19	14	284,250	-----	-----	10	

EIGHTH DISTRICT.

111	-----	3	111	-----	18	-----	-----	-----	-----	444	-----	-----	1
-----	-------	---	-----	-------	----	-------	-------	-------	-------	-----	-------	-------	---

EIGHTH DISTRICT.

18,707	12,846	510	162	4,257	1,200	-----	-----	22	10	420,774	-----	-----	19	1
4,990	3,564	235	267	-----	-----	-----	-----	6	8	370,692	-----	-----	16	2
6,307	465	123	176	6,825	-----	-----	-----	-----	2	-----	151,779	-----	24	3
-----	4,140	129	165	-----	60,000	-----	-----	-----	3	134,932	-----	-----	11	4
3,000	3,289	106	198	-----	75,000	-----	-----	2	2	30,000	60,939	-----	7	5
3,000	10,818	171	107	33,275	46,500	-----	-----	-----	3	-----	84,963	-----	7	6
1,138	430	111	144	4,131	-----	-----	-----	-----	1	-----	83,067	-----	7	7
2,310	416	65	145	3,631	-----	-----	-----	-----	1	-----	78,974	-----	4	8
1,175	190	66	151	1,727	24,350	-----	-----	-----	2	-----	74,056	-----	4	9
1,300	6,389	95	215	2,659	-----	-----	-----	-----	2	-----	71,941	-----	5	10
2,250	3,584	73	133	2,400	-----	-----	-----	-----	1	-----	66,922	-----	5	11
898	-----	87	177	3,165	-----	-----	-----	-----	2	-----	66,481	-----	5	12
2,340	-----	143	103	3,157	-----	-----	-----	-----	2	-----	63,660	-----	7	13
1,200	750	119	106	2,250	-----	-----	-----	-----	1	-----	54,733	-----	7	14
2,440	-----	70	183	2,540	-----	-----	-----	-----	1	-----	46,800	-----	4	15
2,354	5,000	56	194	1,092	23,000	-----	-----	-----	1	-----	45,437	-----	3	16
40	3,578	72	136	1,160	3,950	-----	-----	-----	1	-----	40,984	-----	5	17
1,250	3,402	85	132	276	-----	-----	-----	4	-----	38,203	-----	-----	4	18
2,200	-----	44	128	1,100	-----	-----	-----	-----	-----	-----	27,386	-----	2	19
126	-----	57	84	486	12,500	-----	-----	-----	1	-----	26,683	-----	3	20
240	-----	51	19	161	-----	-----	-----	-----	-----	-----	4,040	-----	6	21
-----	-----	28	1	-----	-----	-----	-----	-----	-----	-----	-----	318	-----	22
57,265	58,861	2,496	142	74,292	246,500	-----	-----	37	48	994,601	1,048,845	318	156	
24	-----	60	202	80	4,725	-----	-----	2	-----	49,522	-----	40,355	-----	1
-----	-----	10	200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2
100	-----	47	223	517	-----	-----	-----	3	-----	28,144	7,436	-----	-----	3
1,050	-----	24	216	762	14,300	-----	-----	-----	-----	-----	32,277	-----	-----	4
25	-----	48	179	1,200	-----	-----	-----	-----	-----	-----	29,482	-----	-----	5
-----	-----	50	138	999	-----	-----	-----	-----	-----	-----	28,134	-----	-----	6

ST. CLAIR COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
7	Schubert Coal Co.	Mascoutah	20,133	-----	-----	-----	20,133
8	Tower Grove Coal Co.	Belleville	19,525	-----	-----	-----	17,825
9	Patterson Harding Coal Co.	Belleville	16,750	-----	-----	-----	10,967
10	Edgemont Coal Co.	Edgemont Sta.	16,709	-----	-----	-----	16,689
11	Pep Coal Co.	New Athens	15,469	-----	-----	-----	12,878
12	Pioneer Coal Co.	Belleville	18,250	-----	-----	-----	13,250
13	Drift Coal Co.	Caseyville	13,044	-----	-----	-----	11,914
14	F. C. Morgan Coal Co., No. 2	Millstadt	12,829	-----	-----	-----	12,829
15	Hill Coal Co.	Freeburg	11,688	-----	-----	-----	9,000
16	New St. Clair Coal Co.	Caseyville	11,364	-----	-----	-----	10,200
17	Hippard Coal Co., No. 2	Caseyville	10,421	-----	-----	-----	9,046
18	William Travis	Belleville	10,376	-----	-----	-----	10,376
19	Safety First Coal Co.	Freeburg	9,759	-----	-----	-----	9,059
20	East Side Coal Co.	Freeburg	9,350	-----	-----	-----	9,150
21	Wildwood Coal Co.	Freeburg	8,550	-----	-----	-----	8,550
22	Howard E. Miller	Caseyville	6,373	-----	-----	-----	5,339
23	Hippard Coal Co., No. 1	Belleville	5,176	-----	-----	-----	4,076
24	Fullerton Coal Co.	Belleville	4,893	-----	-----	-----	4,393
25	West Side Coal Co.	Marissa	4,520	-----	-----	-----	4,000
26	Reinheimer Slope Mine	Freeburg	4,315	-----	-----	-----	3,815
27	Lill Coal Co.	Millstadt	4,036	-----	-----	-----	3,000
28	Southern Coal, Coke & Mining Co., No. 6	Belleville	2,379	-----	-----	-----	2,379
29	M. B. Watland	Millstadt	2,144	-----	-----	-----	2,144
30	Jacob Mayer	Belleville	2,055	-----	-----	-----	2,055
31	Old Grossman Coal Co.	Belleville	1,500	-----	-----	-----	1,200
32	Blue Blaze Coal Co.	Millstadt	1,208	-----	-----	-----	1,208
33	Schubert Coal Co.	Millstadt	1,179	-----	-----	-----	1,137
34	Edward A. Yoch	Mascoutah	1,165	-----	-----	-----	1,165
35	Roma Coal Co.	Edgemont Sta.	1,050	-----	-----	-----	1,030
36	K. E. Guthertz	Millstadt	1,048	-----	-----	-----	1,048
37	R. L. Schorr	Millstadt	965	-----	-----	-----	900
38	New Athens Coal Co.	New Athens	962	-----	-----	-----	750
39	Charles A. Weiters	Millstadt	900	-----	-----	-----	900
40	Millstadt Coal Mine	Millstadt	885	-----	-----	-----	885
41	J. A. Lehmann	Belleville	796	-----	-----	-----	796
42	New Prospect Park Coal Co.	Edgemont Sta.	700	-----	-----	-----	600
43	Rock Creek Coal Co.	Belleville	540	-----	-----	-----	480
44	Fred Ziska	East St. Louis	509	-----	-----	-----	509
45	Midway Coal Co.	Freeburg	430	-----	-----	-----	230
46	Fred Stitzel, Jr.	Millstadt	160	-----	-----	-----	160
46 local mines total			464,455	-----	-----	-----	440,216
68 all mines total			2,508,219	896,693	260,076	24,752	1,186,333

EIGHTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
800	900	28	151	539				1		9,538	10,595			7
200	5,553	29	163	809							19,525			8
20		30	200	832							16,750			9
600	1,991	36	112	816							16,709			10
		17	180	817							15,469			11
50	1,080	20	150	45				1		13,250				12
		19	201	670							13,044			13
		12	70									12,829		14
10	2,678	12	242	253							11,688			15
500	664	15	184	600							11,364			16
375	1,000	30	65					1		3,497	6,924			17
		12	275	316							10,376			18
700		14	176	318							9,759			19
200		11	190	440							9,350			20
		9	240	450							8,550			21
600	434	10	300	245							6,373			22
300	800	16	42	26				1		5,176				23
500		10	116	176							4,893			24
520		9	150	255							4,520			25
500		9	148	232							4,315			26
450	586	10	200	80				1		4,036				27
		70	12	92							2,379			28
		2	150									2,144		29
		4	120									2,055		30
300		7	90	12								1,500		31
		6	44		600						1,208			32
42		5	140									1,179		33
		23	12	21							1,165			34
20		3	200		2,500						1,050			35
		5	110								1,048			36
40	25	4	150									965		37
8	204	5	41	42							962			38
		3	62									900		39
		2	114	5								885		40
		2	200		300						796			41
100		7	70	14							700			42
10	50	5	75	30							540			43
		1	300	35							509			44
200		6	35	25							430			45
		2	120								160			46
8,244	15,995	758	147	11,753	22,775			10		113,163	288,480	62,812		
65,509	74,856	3,254	145	86,045	269,275			47	48	1,107,764	1,337,325	63,130	156	

EIGHTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Clinton.....	3	284,250	179,157	5,879	-----	79,365	16,042	3,807
St. Clair.....	22	2,043,764	896,693	260,076	24,752	746,117	57,265	58,861
Total.....	25	2,328,014	1,075,850	265,955	24,752	825,482	73,307	62,668

LOCAL MINES

Monroe.....	1	444	-----	-----	-----	333	111	-----
St. Clair.....	46	464,455	-----	-----	-----	440,216	8,244	15,995
Total.....	47	464,899	-----	-----	-----	440,549	8,355	15,995

ALL MINES

Clinton.....	3	284,250	179,157	5,879	-----	79,365	16,042	3,807
Monroe.....	1	444	-----	-----	-----	333	111	-----
St. Clair.....	68	2,508,219	896,693	260,076	24,752	1,186,333	65,509	74,856
Total.....	72	2,792,913	1,075,850	265,955	24,752	1,266,031	81,662	78,663

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
471	185	3,397	-----	-----	2,750	19	14	284,250	-----	-----	10
2,496	142	74,292	246,599	-----	-----	37	48	994,601	1,048,845	318	156
2,967	147	77,689	246,500	-----	2,750	56	62	1,278,851	1,048,845	318	166

EIGHTH DISTRICT.

3	111	-----	18	-----	-----	-----	-----	-----	444	-----	-----
758	147	11,753	22,775	-----	-----	10	-----	113,163	288,480	62,812	-----
761	146	11,753	22,793	-----	-----	10	-----	113,163	288,924	62,812	-----

EIGHTH DISTRICT.

471	185	3,397	-----	-----	2,750	19	14	284,250	-----	-----	10
3,254	145	86,045	269,275	-----	-----	47	48	1,107,764	1,337,325	63,130	156
3,728	147	89,442	269,293	-----	2,750	66	62	1,392,014	1,337,769	63,130	166

NINTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Ninth Inspection District, comprising the coal producing counties of Jackson, Perry, Randolph and Washington, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	4	4	4	4	4
Number of shipping mines.....	31	27	22	20	20
Number of local mines.....	53	56	51	50	41
Number of employees underground.....	2,813	2,777	2,628	2,687	2,999
Number of employees on surface.....	1,469	1,395	1,271	1,266	1,176
Total number employed.....	4,282	4,172	3,899	3,953	4,175
Tons of coal produced in shipping mines.....	5,249,945	4,373,839	4,932,338	5,670,295	6,223,747
Tons of coal produced in local mines.....	112,806	124,247	123,429	111,824	115,236
Tons of coal produced, total.....	5,362,751	4,498,086	5,055,767	5,782,119	6,338,983
Days operated, shipping mines, average.....	124	106	109	128	157
Days operated, local mines, average.....	117	129	147	133	123
Number of undercutting machines.....	114	110	98	112	113
Tons undercut.....	2,194,893	1,561,838	1,521,693	2,297,682	2,875,169
Tons mined by hand.....	205,250	162,703	145,038	233,301	407,156
Tons mined in strip mines.....	2,962,608	2,773,545	3,389,036	3,251,136	3,056,658
Number of loading machines used.....	52	57	43	66	67
Tons loaded mechanically.....	1,216,757	919,347	914,429	1,598,622	1,927,087
Number of fatal accidents.....	4	8	4	9	7
Number of non-fatal accidents.....	173	162	131	172	276
Number of employees to each fatality.....	1,071	521	975	439	596
Number employed to each non-fatal accident.....	24.8	25.7	29.8	23	15
Tons of coal mined to each fatality.....	1,340,688	562,261	1,263,942	642,458	905,569
Tons mined to each non-fatal accident.....	30,999	27,766	38,593	33,617	22,967
Number of fatalities per 1,000 employed.....	0.9	1.9	1.03	2.3	1.7
Number of injured per 1,000 employed.....	40.4	38.8	33.6	43.5	66.1

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	21	42	5,489,701	118,180	4,011	273	158	124	10	323	560,788
1930.....	20	41	6,223,747	115,236	3,915	260	157	123	7	276	905,569
1931.....	20	50	5,670,295	111,824	3,650	303	128	133	9	172	642,458
1932.....	22	51	4,932,338	123,429	3,563	336	109	147	4	131	1,263,942
1933.....	27	56	4,373,839	124,247	3,878	294	106	129	8	162	562,261
Average for 5 years..	22	48	5,337,984	118,583	3,803	293	130	132	8	213	717,969
1934.....	31	53	5,249,945	112,806	3,965	317	124	117	4	173	1,340,688
Gain (+) or loss (—), 1934 over previous 5 years.....	+9	+5	—88,039	—5,777	+162	+24	—6	—15	—4	+40	+622,719

NEW MINES.

Conant Coal Co., Conant in Perry County.
Talbot Coalery Co., Duquoin in Perry County.

OLD MINES REOPENED.

Bois Coal Co., Dubois in Washington County.
Southern Gem, No. 10, Cutler in Perry County.

CHANGE OF NAME.

Mathis Coal Co. to Imperial Coal Co., Tamaroa in Perry County.
Southern Gem No. 10 to Whip-Poor-Will Coal & Mining Co.,
Cutler in Perry County.

IDLE MINES.

Jackson Coal Co., Hallidayboro in Jackson County.
Little Muddy Coal Co., DeSoto in Jackson County.

FATAL ACCIDENTS.

January 12, William Barnes, driver, age 49 years, single, was killed by falling rock in St. Louis Coal Company's mine. He leaves his father dependent.

February 7, John Smith, loader, age 47 years, married, was killed by falling coal in Clarkson Coal Mining Company's mine. He leaves a widow and one child.

April 21, Thomas Roseberry, driver, age 35 years, married, was killed in Moffatt Coal Company's mine by pit cars. He leaves a widow.

November 14, George Bertges, timberman, age 58 years, married, was killed by a fall of slate in Mine No. 5 of the Centralia Coal Co. He leaves a widow.

Respectfully submitted,

LEONARD FORESTER, *Inspector.*

FATAL ACCIDENTS, NINTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 12	Jan. 12	William Barnes.	49	Driver.	Coulterville.	St. Louis Coal Co.		1	1			1	1 Fall of rock.
Feb. 7	Feb. 7	John Smith.	47	Loader.	Nashville.	Clarkson Coal Mining Co.		1	1		1	2	2 Fall of coal.
Apr. 21	Apr. 21	Thomas Roseberry.	35	Driver.	Sparta.	Moffat Coal Co.		1	1		1	1	1 Pit cars.
Nov. 14	Nov. 14	George Bertges.	58	Timberman.	Centralia.	Centralia Coal Co.	5	1	1		1	1	1 Fall of slate.

NON-FATAL ACCIDENTS, NINTH DISTRICT.

225

Name of operator.	Number injured.	Number not re- turned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month in which accident occurred.	Number injured.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Bois Coal Co.	1		10	10	1	10	10		5	219	January	18
Centralia Coal Co., No. 5	10	3	259	37	2	40	20		1	42	February	14
Clarkson Coal & Mining Co.	2	1	42	42						44	March	20
Coal Stripping Co., No. 1	14	3	292	27	8	132	16		3	160	April	10
Coulterville Coal Co.	13		219	17	11	146	13		2	73	May	16
Crenar-Chinch Coal Co., No. 14	25	2	776	34	17	241	14		6	535	June	14
Cutler Coal Co., Inc.	7	1	158	23	3	34	11		3	124	July	13
Home Coal Co.	1		32	32					1	32	August	14
Jones Bros. Coal Co.	3		113	38	1	27	27		2	86	September	13
Moffat Coal Co.	28	4	780	30	17	350	21		7	389	October	12
Pyramid Coal Corp.	10	3	219	31	3	50	17		4	169	November	15
Ring Coal Co.	1		171	171					1	171	December	14
St. Louis Coal Co.	11		272	25	8	155	20		3	116		
Truax-Truer Coal Co., No. 1	6		124	21	5	86	17		1	38		
Truax-Truer Coal Co., No. 2	8		123	15	7	93	13		1	30		
Union Colliery Co.	14	2	273	23	9	105	12		3	168		
United Electric Coal Co., No. 11	8		251	31	2	26	13		6	225		
Whip-Poor-Will Coal & Mining Co.	2	1	92	22	1	22	22		4	230		
Winkle Coal Co.	7		257	37	3	27	9			58		
Shipping mines	171	20	4,343	29	98	1,545	16		53	2,798	53	
Local mines	2		17	8	2	17	9					
Total	173	20	4,360	28	100	1,562	16		53	2,798	53	173

JACKSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Union Colliery Co.	Dowell	863,248	723,209	121,905		1,719
2	Traux-Traer Coal Co., No. 2	Elkville	365,921	176,313	188,905		703
3	Traux-Traer Coal Co., No. 1	Elkville	246,864	172,340	73,443		1,081
4	Peacock Coal Co.	Hurst	3,035	1,925	216		572
4 shipping mines total			1,479,068	1,073,787	384,469		4,075
LOCAL MINES.							
1	Templeton Coal Co.	Murphysboro	8,215				8,100
2	Gus Blair Big Muddy Coal Co.	Murphysboro	6,234				6,100
3	J. C. Swafford, No. 1	Carbondale	5,250				4,550
4	Monroe Coal Co.	DeSoto	4,480				4,480
5	E. H. Birkner	Oraville	3,052				2,530
6	Jackson County Coal Co.	Carbondale	2,008				1,993
7	H. S. Phillips	Carbondale	2,090				1,800
8	East Side Coal Co.	Carbondale	1,975				1,481
9	Carbondale Coal Co.	Carbondale	1,966				1,966
10	Maushart & Henderson	Carbondale	1,920				1,280
11	New Muddy Valley Coal Co.	DeSoto	1,558				1,458
12	W. E. Heiple	Murphysboro	1,061				1,041
13	Morgan Coal Co.	Ava	1,038				1,038
14	W. K. & W. Coal Co.	Willisville	1,006				1,006
15	Campbell Hill Coal Co.	Campbell Hill	1,005				980
16	G. A. Replogle & Son	Murphysboro	700				670
17	J. C. Swafford, No. 2	Carbondale	500				350
18	Black Cat Coal Co.	Carterville	400				275
19	Independent Coal Co.	Carbondale	380				320
20	Rigdon & Ditzler	Ava	376				376
21	Campbell Hill Brick Co.	Campbell Hill	375				375
22	O. K. Coal Co.	Zeigler	365				310
23	O. R. Moss Coal Co.	Vergennes	248				248
24	Little Muddy Coal Co.	Hurst	96				86
25	Krysher Coal Co.	Makanda	80				80
26	Poplar Ridge Coal Co.	Carterville	68				68
27	Halliday Coal Co.	Campbell Hill	49				49
28	Schmidgall Coal Co.	Ava	40				20
28 local mines total			46,445				43,030
32 all mines total			1,525,513	1,073,787	384,469		47,105

PERRY COUNTY

SHIPPING MINES.							
1	Pyramid Coal Corp.	Pineknayville	923,001	229,377	539,310	-----	149,314
2	United Electric Coal Co., No. 11	DuQuoin	921,366	479,426	413,173	-----	-----
3	Coal Stripping Co., No. 1	Pineknayville	372,142	97,979	264,937	-----	301
4	Crerar Clinch Coal Co., No. 14	DuQuoin	332,226	203,104	104,132	-----	2,846
5	Coulterville Coal Co.	Coulterville	127,970	109,432	9,365	-----	3,170
6	Cutler Coal Co.	Cutler	103,671	97,475	-----	-----	1,066
7	Perfection Coal Co.	DuQuoin	83,774	50,023	-----	21,815	11,936
8	Crerar Clinch Coal Co., No. 15	DuQuoin	45,600	35,100	6,802	-----	76
9	Winkle Coal Co.	Swanwick	19,676	18,943	-----	-----	430
10	Whippoorwill Coal & Mining Co.	Cutler	17,524	12,809	2,940	-----	596
11	Briar Hill Coal Mining Co., No. 45	Pineknayville	17,041	13,624	1,761	-----	823
12	Beaucoup Coal Co., No. 6	Pineknayville	16,119	11,383	2,370	-----	2,126

NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
2,450	13,965	540	186	-----	-----	-----	109,950	20	30	863,248	-----	365,921	1	1
-----	-----	120	165	-----	26,550	400	-----	-----	-----	-----	-----	246,864	2	2
-----	-----	150	116	-----	17,500	2,200	-----	-----	-----	-----	-----	-----	3	3
322	-----	18	143	-----	2,450	-----	-----	1	-----	3,035	-----	-----	1	4
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2,772	13,965	828	153	-----	46,500	2,600	109,950	21	30	866,283	-----	612,785	2	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
115	-----	14	165	175	-----	-----	-----	1	-----	8,215	-----	-----	-----	1
134	-----	13	150	66	-----	-----	-----	1	-----	6,234	-----	-----	-----	2
700	-----	9	160	250	-----	-----	-----	-----	-----	-----	5,250	-----	-----	3
-----	-----	8	79	-----	4,400	-----	-----	-----	-----	-----	4,480	-----	-----	4
522	-----	5	121	220	-----	-----	-----	-----	-----	-----	3,052	-----	-----	5
15	-----	13	150	79	-----	-----	-----	-----	-----	-----	2,008	-----	-----	6
200	-----	3	183	98	-----	-----	-----	-----	-----	-----	2,000	-----	-----	7
494	-----	10	68	102	-----	-----	-----	-----	-----	-----	1,975	-----	-----	8
-----	-----	11	60	110	-----	-----	-----	-----	-----	-----	1,966	-----	-----	9
640	-----	5	128	125	-----	-----	-----	-----	-----	-----	1,920	-----	-----	10
100	-----	9	90	105	-----	-----	-----	-----	-----	-----	1,558	-----	-----	11
20	-----	2	180	34	-----	-----	-----	-----	-----	-----	1,061	-----	-----	12
-----	-----	7	112	61	-----	-----	-----	-----	-----	-----	1,038	-----	-----	13
-----	-----	3	100	33	-----	-----	-----	-----	-----	-----	1,006	-----	-----	14
25	-----	3	165	68	-----	-----	-----	-----	-----	-----	1,005	-----	-----	15
30	-----	4	140	40	-----	-----	-----	-----	-----	-----	700	-----	-----	16
150	-----	2	84	32	-----	-----	-----	-----	-----	-----	500	-----	-----	17
125	-----	7	50	27	-----	-----	-----	-----	-----	-----	400	-----	-----	18
60	-----	4	90	25	-----	-----	-----	-----	-----	-----	380	-----	-----	19
-----	-----	5	152	7	-----	-----	-----	-----	-----	-----	376	-----	-----	20
-----	-----	9	32	-----	250	-----	-----	-----	-----	-----	375	-----	-----	21
55	-----	6	73	19	-----	-----	-----	-----	-----	-----	365	-----	-----	22
-----	-----	2	120	15	-----	-----	-----	-----	-----	-----	248	-----	-----	23
10	-----	4	20	7	-----	-----	-----	-----	-----	-----	96	-----	-----	24
-----	-----	2	45	5	-----	-----	-----	-----	-----	-----	80	-----	-----	25
-----	-----	3	30	6	-----	-----	-----	-----	-----	-----	68	-----	-----	26
-----	-----	3	24	6	-----	-----	-----	-----	-----	-----	49	-----	-----	27
20	-----	3	20	1	-----	-----	-----	-----	-----	-----	40	-----	-----	28
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3,415	-----	169	100	1,716	4,650	-----	-----	2	-----	14,449	31,996	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6,187	13,965	997	106	1,716	51,150	2,600	109,950	23	30	880,732	31,996	612,785	2	-----

NINTH DISTRICT.

5,000		211	208	55,000							923,001		1
3,360	25,407	217	184	45,675	5,750	350					921,366		2
8,023	902	80	185	42,300							372,142		3
11,357	10,787	650	91		47,700	29	14	324,946	7,280			12	4
4,988	1,065	187	193	2,691		5	2	127,970				7	5
1,718	3,412	109	163	1,700		5	1	103,671				5	6
		38	88								83,774		7
285	3,337	96	32	5,050	2,850	3,550					45,600		8
270	33	95	87	750	1,200		1	1	4,582	15,094		2	9
1,004	175	113	55	842						17,524		9	10
808	25	104	34	601			2			17,041		5	11
240		13	201	804						16,119		1	12

PERRY COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
13	Ring Coal Co., No. 1.....	Cutler.....	12,800	12,000	-----	-----	-----
14	Home Coal Co., No. 8.....	Willisville.....	10,170	7,270	-----	-----	2,090
15	Bailey Bros. Coal Co.....	DuQuoin.....	4,930	1,000	-----	-----	3,680
16	Tamara Coal Co., No. 43.....	Tamara.....	3,980	100	-----	-----	3,780
17	Biby Coal Co.....	Pinckneyville.....	3,173	1,280	-----	-----	1,893
18	Talbot Coalery Co.....	DuQuoin.....	1,940	45	-----	-----	1,895
19	Conant Coal Co.....	Conant.....	1,927	1,707	-----	111	-----
20	Imperial Valley Coal Co.....	Tamara.....	742	200	-----	-----	442
Shipping mines total.....			3,019,772	1,382,277	1,344,790	21,926	186,464
LOCAL MINES.			-----	-----	-----	-----	-----
1	Elm Grove Coal Co.....	Cutler.....	3,888	-----	-----	-----	3,588
2	Langwith Coal Co.....	Pinckneyville.....	3,290	-----	-----	-----	3,250
3	Patrick Coal Co.....	DuQuoin.....	2,936	-----	-----	-----	2,636
4	Clausen Coal Co.....	Murphysboro.....	2,000	-----	-----	-----	1,980
5	T. J. Howells Coal Co.....	DuQuoin.....	1,627	-----	-----	-----	1,627
6	West Park Coal Co.....	DuQuoin.....	1,565	-----	-----	-----	1,315
7	Burnett Coal Co.....	DuQuoin.....	1,101	-----	-----	-----	1,101
8	Higgerson Coal Co.....	Cutler.....	1,065	-----	-----	-----	1,000
9	New Jupiter Coal Co.....	DuQuoin.....	900	-----	-----	-----	900
10	Cedar Hill Coal Co.....	DuQuoin.....	452	-----	-----	-----	392
11	Square Deal Coal Co.....	Tamara.....	186	-----	-----	-----	166
12	Blue Ribbon Coal Co.....	DuQuoin.....	184	-----	-----	-----	184
12 local mines total.....			19,194	-----	-----	-----	18,139
32 all mines total.....			3,038,966	1,382,277	1,344,790	21,926	204,603

RANDOLPH COUNTY

SHIPPING MINES.			-----	-----	-----	-----	-----
1	Moffat Coal Co.....	Sparta.....	251,433	20,756	219,412	-----	4,328
2	St. Louis Coal Co.....	Coulterville.....	127,470	90,798	20,950	-----	3,483
3	Jones Bros. Coal Mining Co., No. 2.....	Marissa.....	35,230	29,791	3,160	-----	1,234
4	Illmo Coal Co.....	Sparta.....	21,063	13,026	5,265	-----	2,503
4 shipping mines total.....			435,196	154,371	248,787	-----	11,548
LOCAL MINES.			-----	-----	-----	-----	-----
1	Lemon & McKelvey Coal Corp.....	Sparta.....	12,027	-----	-----	-----	11,525
2	Syndicate Mining Co.....	Percy.....	9,520	-----	-----	-----	8,870
3	Hector Beveridge.....	Sparta.....	6,695	-----	-----	-----	6,495
4	Crain Coal Co.....	Percy.....	4,104	-----	-----	-----	3,753
5	Blair Coal Co.....	Sparta.....	4,070	-----	-----	-----	3,554
6	Stevenson Coal Co.....	Sparta.....	2,353	-----	-----	-----	2,313
7	Harris & Robertson.....	Sparta.....	1,350	-----	-----	-----	1,047
8	Welshans & West.....	Sparta.....	1,006	-----	-----	-----	766
9	Baldwin Coal Co.....	Baldwin.....	503	-----	-----	-----	403
10	Black Diamond Coal Co.....	Schuline.....	461	-----	-----	-----	431
11	Purity Coal Co.....	Sparta.....	45	-----	-----	-----	20
11 local mines total.....			42,134	-----	-----	-----	39,177
15 all mines total.....			477,330	154,371	248,787	-----	50,725

NINTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
800	-----	17	189	945	-----	-----	-----	-----	-----	-----	12,800	-----	2	13
810	-----	22	91	82	-----	-----	-----	1	1	10,170	-----	-----	2	14
250	-----	15	133	205	-----	-----	-----	-----	-----	-----	4,930	-----	2	15
100	-----	10	160	147	-----	-----	-----	-----	-----	-----	3,980	-----	2	16
-----	-----	17	91	158	-----	-----	-----	-----	-----	-----	3,173	-----	1	17
-----	-----	6	48	-----	-----	-----	-----	-----	-----	-----	-----	1,940	-----	18
109	-----	9	109	96	-----	-----	-----	1	-----	1,927	-----	-----	2	19
100	-----	15	15	38	-----	-----	-----	-----	-----	-----	742	-----	2	20
39,172	45,143	2,024	118	9,059	149,225	8,600	51,600	42	21	573,266	98,683	2,347,823	54	-----
300	-----	5	218	168	-----	-----	-----	-----	-----	-----	3,888	-----	-----	1
40	-----	4	146	147	-----	-----	-----	-----	-----	-----	3,290	-----	-----	2
300	-----	4	250	60	-----	-----	-----	-----	-----	-----	2,936	-----	-----	3
20	-----	17	40	6	-----	-----	-----	-----	-----	-----	-----	2,000	-----	4
-----	-----	3	220	51	-----	-----	-----	-----	-----	-----	1,627	-----	-----	5
250	-----	6	189	47	-----	-----	-----	1	-----	1,565	-----	-----	-----	6
-----	-----	3	200	48	-----	-----	-----	-----	-----	-----	1,101	-----	-----	7
65	-----	4	103	50	-----	-----	-----	-----	-----	-----	1,065	-----	-----	8
-----	-----	4	100	45	-----	-----	-----	-----	-----	-----	900	-----	-----	9
60	-----	4	140	18	-----	-----	-----	-----	-----	-----	452	-----	-----	10
20	-----	3	31	7	-----	-----	-----	-----	-----	-----	186	-----	-----	11
-----	-----	3	36	6	-----	-----	-----	-----	-----	-----	184	-----	-----	12
1,055	-----	60	139	653	-----	-----	-----	1	-----	1,565	15,629	2,000	-----	-----
40,227	45,143	2,084	126	9,712	149,225	8,600	51,600	43	21	574,831	114,312	2,349,823	54	-----

NINTH DISTRICT.

6,937	-----	400	95	-----	61,925	-----	-----	23	8	251,433	-----	-----	36	1
4,790	7,449	191	116	210	-----	33,190	-----	5	1	127,470	-----	-----	11	2
780	265	123	67	1,761	-----	-----	-----	-----	1	-----	35,230	-----	5	3
15	254	35	195	2,500	3,500	-----	-----	1	-----	21,063	-----	-----	4	4
12,522	7,968	749	118	4,471	65,425	33,190	-----	29	10	399,966	35,230	-----	56	-----
502	-----	14	168	260	-----	-----	-----	1	-----	7,414	4,613	-----	-----	1
650	-----	12	151	-----	1,650	-----	-----	1	-----	9,520	-----	-----	-----	2
200	-----	13	165	266	-----	-----	-----	1	-----	3,306	3,389	-----	-----	3
351	-----	5	143	-----	650	-----	-----	1	-----	4,104	-----	-----	-----	4
516	-----	5	172	36	-----	-----	-----	1	-----	4,070	-----	-----	-----	5
40	-----	6	157	138	-----	-----	-----	-----	-----	-----	2,353	-----	-----	6
303	-----	5	118	91	-----	-----	-----	-----	-----	-----	1,350	-----	-----	7
240	-----	5	170	40	-----	-----	-----	1	-----	1,006	-----	-----	-----	8
100	-----	5	90	42	-----	-----	-----	-----	-----	-----	503	-----	-----	9
30	-----	4	80	45	-----	-----	-----	-----	-----	-----	461	-----	-----	10
25	-----	2	20	5	-----	-----	-----	-----	-----	-----	45	-----	-----	11
2,957	-----	76	130	923	2,300	-----	-----	6	-----	29,420	12,714	-----	-----	-----
15,479	7,968	825	127	5,394	67,725	33,190	-----	35	10	429,386	47,944	-----	56	-----

WASHINGTON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Centralia Coal Co., No. 5.....	Centralia.....	230,876	93,118	100,877	-----	19,319
2	Clarkson Coal & Mining Co.....	Nashville.....	79,068	19,019	17,076	29,942	9,160
3	Bois Coal Co.....	DuBois.....	5,965	1,600	-----	-----	4,065
3 shipping mines total.....			315,909	113,737	117,953	29,942	32,544
LOCAL MINES.							
1	Venedy Coal Co.....	Venedy.....	2,583	-----	-----	-----	2,433
2	Darmstadt Coal Co.....	Lenzburg.....	2,450	-----	-----	-----	1,950
2 local mines total.....			5,033	-----	-----	-----	4,383
5 all mines total.....			320,942	113,737	117,953	29,942	36,927

NINTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used of blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
11,365	6,197	219	146	-----	-----	-----	41,700	9	13	230,876	-----	-----	1	1
3,871	-----	104	194	84	14,025	-----	-----	4	1	79,068	-----	-----	8	2
300	-----	41	58	235	-----	-----	-----	-----	-----	-----	5,965	-----	6	3
15,536	6,197	364	133	319	14,025	-----	41,700	13	14	309,944	5,965	-----	15	
150	-----	8	192	275	-----	-----	-----	-----	-----	-----	2,583	-----	1	
500	-----	4	100	80	-----	-----	-----	-----	-----	-----	2,450	-----	2	
650	-----	12	146	355	-----	-----	-----	-----	-----	-----	5,033	-----	-----	
16,186	6,197	376	138	674	14,025	-----	41,700	13	14	309,944	10,998	-----	15	

NINTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Jackson.....	4	1,479,068	1,073,787	384,469	-----	4,075	2,772	13,965
Perry.....	20	3,019,772	1,382,277	1,344,790	21,926	186,464	39,172	45,143
Randolph.....	4	435,196	154,371	248,787	-----	11,548	12,522	7,968
Washington.....	3	315,909	113,737	117,953	29,942	32,544	15,526	6,197
Total.....	31	5,249,945	2,724,172	2,095,999	51,868	234,631	70,002	73,273

LOCAL MINES

Jackson.....	28	46,445	-----	-----	-----	43,030	3,415	-----
Perry.....	12	19,194	-----	-----	-----	18,139	1,053	-----
Randolph.....	11	42,134	-----	-----	-----	39,177	2,957	-----
Washington.....	2	5,033	-----	-----	-----	4,383	650	-----
Total.....	53	112,806	-----	-----	-----	104,729	8,077	-----

ALL MINES

Jackson.....	32	1,525,513	1,073,787	384,469	-----	47,105	6,187	13,965
Perry.....	32	3,038,966	1,382,277	1,344,790	21,926	204,603	40,227	45,143
Randolph.....	15	477,330	154,371	248,787	-----	50,725	15,479	7,968
Washington.....	5	320,942	113,737	117,953	29,942	36,927	16,186	6,197
Total.....	84	5,362,751	2,724,172	2,095,999	51,868	339,360	78,079	73,273

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
828	153	-----	46,500	2,600	109,950	21	30	866,283	-----	612,785	2
2,024	118	9,059	149,225	8,600	51,600	42	21	573,266	98,683	2,347,823	54
749	118	4,471	65,425	33,190	-----	29	10	399,966	35,250	-----	56
364	133	319	14,025	-----	41,700	13	14	309,944	5,965	-----	15
3,965	124	13,849	275,175	44,390	203,250	105	75	2,149,459	139,878	2,960,608	127

NINTH DISTRICT.

169	100	1,716	4,650	-----	-----	2	-----	14,449	31,996	-----	-----
60	139	653	-----	-----	-----	1	-----	1,565	15,629	2,000	-----
76	130	923	2,300	-----	-----	6	-----	29,420	12,714	-----	-----
12	146	355	-----	-----	-----	-----	-----	-----	5,033	-----	-----
317	117	3,647	6,950	-----	-----	9	-----	45,434	65,372	2,000	-----

NINTH DISTRICT.

997	106	1,716	51,150	2,600	109,950	23	30	880,732	31,996	612,785	2
2,084	126	9,712	149,225	8,600	51,600	43	21	574,831	114,312	2,349,823	54
825	127	5,394	67,725	33,190	-----	35	10	429,386	47,944	-----	56
376	138	674	14,025	-----	41,700	13	14	309,944	10,998	-----	15
4,282	119	17,496	282,125	44,390	203,250	114	75	2,194,893	205,250	2,962,608	127

TENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Tenth Inspection District, comprising the coal producing counties of Franklin and Jefferson, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	2	1	1	1	1
Number of shipping mines.....	15	14	14	15	16
Number of local mines.....	5				
Number of employees underground.....	6,908	6,496	8,075	8,613	9,297
Number of employees on surface.....	1,517	1,404	1,366	1,451	1,373
Total number employed.....	8,425	7,900	9,441	10,064	10,670
Tons of coal produced in shipping mines.....	7,780,162	6,703,883	7,064,359	9,531,560	11,997,347
Tons of coal produced in local mines.....	541				
Tons of coal produced, total.....	7,780,703	6,703,883	7,064,359	9,531,560	11,997,347
Days operated, shipping mines, average.....	130	115	110	139	171
Days operated, local mines, average.....	39				
Number of undercutting machines.....	279	264	299	386	421
Tons undercut.....	7,780,162	6,671,615	7,064,359	9,492,423	11,836,027
Tons mined by hand.....		32,268		39,137	161,320
Tons mined in strip mines.....	541				
Number of loading machines used.....	492	476	684	734	717
Tons loaded mechanically.....	5,365,594	4,513,921	5,312,097	7,222,452	7,574,559
Number of fatal accidents.....	20	11	10	13	22
Number of non-fatal accidents.....	578	570	624	916	1,214
Number of employees to each fatality.....	421	718	944	774	485
Number employed to each non-fatal accident.....	14.6	14	15.1	11	8.8
Tons of coal mined to each fatality.....	389,035	609,444	706,436	733,200	545,379
Tons mined to each non-fatal accident.....	13,461	11,761	11,321	10,406	9,882
Number of fatalities per 1,000 employed.....	2.4	1.4	1.1	1.3	2.0
Number injured per 1,000 employed.....	68.6	72.1	66.1	91.0	113.8

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	18	-----	14,819,448	-----	12,287	-----	194	-----	35	1,801	423,413
1930.....	16	-----	11,997,347	-----	10,670	-----	177	-----	22	1,214	545,379
1931.....	15	-----	9,531,560	-----	10,064	-----	139	-----	13	916	733,200
1932.....	14	-----	7,064,359	-----	9,441	-----	110	-----	10	624	706,436
1933.....	14	-----	6,703,883	-----	7,900	-----	115	-----	11	570	609,444
Average for 5 years.....	15	-----	10,023,319	-----	10,072	-----	150	-----	18	1,025	550,731
1934.....	15	5	7,780,162	541	8,407	18	130	39	20	578	389,035
Gain (+) or loss (—), 1934 over previous 5 years.....	-----	+5	-2,243,157	+541	-1,665	+18	-20	+39	+2	-447	-161,696

CHANGE OF NAME.

Benton Franklin Coal Co. to Franklin Mining Co., at Benton in Franklin County.

IDLE MINES.

Chicago, Wilmington & Franklin Coal Co., Benton No. 1, at Benton in Franklin County.

Chicago, Wilmington & Franklin Coal Co., Benton No. 2, at Benton in Franklin County.

Illinois Coal Corp., No. 10, at Nason in Jefferson County.

Old Ben Coal Corp., No. 9, at West Frankfort in Franklin County.

Old Ben Coal Corp., No. 10, at Christopher in Franklin County.

Old Ben Coal Corp., No. 11, at Christopher in Franklin County.

Old Ben Coal Corp., No. 12, at Christopher in Franklin County.

Old Ben Coal Corp., No. 16, at Sesser in Franklin County.

Old Ben Coal Corp., No. 19, at Rend in Franklin County.

United States Fuel Co., M. F., at Benton in Franklin County.

FATAL ACCIDENTS.

February 5, John McKean, loader, age 71 years, married, was killed in Old Ben Coal Corporation's No. 15 mine by a fall of rib coal. He leaves a widow.

February 6, Albert Duncan, trip rider, age 37 years, married, was electrocuted by coming in contact with trolley wire, in Valier Coal Company's mine. He leaves a widow and two children.

February 20, Earl Hubbard, top laborer, age 21 years, married, was killed in Bell & Zoller Coal & Mining Company's No. 1 mine by being caught in a belt while dressing the same. He leaves a widow and one child.

April 24, John Tulo, loading machine operator, age 38 years, married, was killed by falling rock in Chicago, Wilmington and Franklin Coal Company's No. 2 mine. He leaves a widow.

April 24, John Moore, loader, age 59 years, married, died from injuries received the day before from falling coal in Old Ben Coal Corporation's No. 8 mine. He leaves a widow.

May 26, Edward B. Bormann, miner, age 38 years, married, was struck by a pit car and killed in Bell & Zoller Coal and Mining Company's No. 2 mine. He leaves a widow and two children.

June 1, Kenneth McMahan, pumpman, age 28 years, single, was killed in Chicago, Wilmington & Franklin Coal Company's No. 1 mine, when run over by a motor.

June 15, Hiram J. Marshall, loading machine operator, age 38 years, widower, died from injuries received on the 10th by a fall of rib coal in Peabody Coal Company's No. 18 mine. He leaves four children.

July 12, William Portioski, dustman and sprinkler, age 64 years, married, died of injuries received on July 6 when he was squeezed between a pit car and the rib at Valier Coal Company's No. 1 mine. He leaves a widow.

September 13, William Raymond, miner, age 63 years, widower, was killed by a new fall of coal while cleaning up a previous fall in Mine No. 5 of the Franklin County Coal Company. His injuries were received on September 12, 1933. He leaves two dependent children.

September 27, Albert Page, mule driver, age 52 years, widower, was killed when he fell in front of moving cars in Mine No. 19 of the Peabody Coal Co.

September 29, Richard Elm, timberman, age 54 years, single, was killed by a new fall of rock while cleaning up a previous fall in Mine No. 1 of the Chicago, Wilmington & Franklin Coal Co.

October 19, Wiley Hall, loader, age 55 years, married, was struck and killed by a string of empties being spotted when he stepped out of his working place in Mine No. 2 of the Bell & Zoller Coal & Mining Co. He leaves four dependent children.

October 20, John Szymzyk, loader, age 51 years, married, died of injuries received on October 18 by a fall of face coal in Mine No. 7 of the Franklin County Coal Co. He leaves three dependent children.

November 8, Edward Connolly, face boss, age 31 years, married, was killed by being squeezed between an empty car and a loaded trip which caught the end of the empty and swung it around in Mine No. 15 of the Old Ben Coal Corp. He leaves a widow and three dependent children.

November 21, Herbert Darnell, loader, age 55 years, married, was killed by coming in contact with a trolley wire while climbing into an empty steel car on the siding in Mine No. 21 of the West Frankfort Coal Co. He leaves a widow.

November 26, James Cunningham, triprider, age 30 years, married, was killed by being run over by a trip of empty cars when he fell in front of them while alighting from the trip in Mine No. 2 of the Bell & Zoller Coal & Mining Co. He leaves a widow and three dependent children.

December 7, Arlie Killgrove, track-helper, age 20 years, single, was killed by being caught between the rib and bumper of a derailed motor which had broken an axle and was in turn bumped by a following motor in Mine No. 1 of the Bell & Zoller Coal & Mining Co.

December 10, August Shablosky, timberman, age 58 years, married, was killed when struck in the head by a piece of coal which knocked him head first into a safety prop in Mine No. 7 of the Franklin County Coal Co. He leaves a widow.

December 20, Tony Caneff, machine man, age 49 years, married, was killed by a fall of coal in Mine No. 2 of the Chicago, Wilmington & Franklin Coal Co. He leaves a widow.

Respectfully submitted,

WILLIAM J. JOHNSON, *Inspector.*

FATAL ACCIDENTS, TENTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number or letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 5	Feb. 5	John McKean	71	Loader	West Frankfort	Old Ben Coal Corp.	15	1	1	1	1	1	1 Fall of rib coal.
Feb. 6	Feb. 6	Albert Duncan	37	Trip rider	Buckner	Valier Coal Co.	1	1	1	1	1	2	3 Electrocuted.
Feb. 20	Feb. 20	Earl Hubbard	21	Top laborer	Mulkeytown	Bell & Zoller Coal & Mining Co.	1	1	1	1	1	2	2 Caught in belt.
Apr. 24	Apr. 24	John Tulo	38	Loading machine operator	Benton	Chicago, Wilmington & Franklin Coal Co.	2	1	1	1	1	1	1 Fall of rock.
Apr. 23	Apr. 24	John Moore	59	Loader	Johnston City	Old Ben Coal Corp.	8	1	1	1	1	1	1 Fall of coal.
May 26	May 26	Edward B. Bormann	38	Miner	Royalton	Bell & Zoller Coal & Mining Co.	2	1	1	1	1	2	1 Pit car.
June 1	June 1	Kenneth McMahon	28	Pumpman	West Frankfort	C., W. & F. Coal Co.	1	1	1	1	1	1	Struck by motor.
June 10	June 10	Hiram J. Marshall	38	Loading machine operator	West Frankfort	Peabody Coal Co.	18	1	1	1	1	4	4 Fall of rib coal.
July 6	July 12	William Portioski	64	Dustman and sprinkler	Sesser	Valier Coal Co.	1	1	1	1	1	1	1 Caught between pit car and rib.
Sept. 12	Sept. 13	William Raymond	63	Miner	Freeman Spur	Franklin County Coal Co.	5	1	1	1	2	2	2 Fall of coal.
Sept. 27	Sept. 27	Albert Page	52	Mule driver	West Frankfort	Peabody Coal Co.	19	1	1	1	1	1	Pit cars.
Sept. 29	Sept. 29	Richard Elm	54	Timberman	West Frankfort	C., W. & F. Coal Co.	1	1	1	1	1	1	1 Fall of roc k.
Oct. 19	Oct. 19	Wiley Hall	55	Loader	Zeigler	Bell & Zoller Coal & Mining Co.	2	1	1	1	4	5	4 Pit cars.
Oct. 18	Oct. 20	John Szymzyk	51	Face boss	Royalton	Franklin County Coal Co.	7	1	1	1	3	4	1 Fall of face coal.
Nov. 8	Nov. 8	Edward Connolly	31	Loader	West Frankfort	Old Ben Coal Corp.	15	1	1	1	1	3	4 Pit cars.
Nov. 21	Nov. 21	Herbert Darnell	55	Trip rider	West Frankfort	West Frankfort Coal Co.	21	1	1	1	1	1	1 Electrocuted.
Nov. 26	Nov. 26	James Cunningham	20	Track helper	Herrin	Bell & Zoller Coal & Mining Co.	2	1	1	1	1	3	4 Pit cars.
Dec. 7	Dec. 7	Arlie Killgrove	20	Timberman	Zeigler	Bell & Zoller Coal & Mining Co.	1	1	1	1	1	1	Struck by derailed motor.
Dec. 10	Dec. 10	August Shablosky	58	Timberman	Royalton	Franklin County Coal Co.	7	1	1	1	1	1	1 Fall of coal.
Dec. 20	Dec. 20	Tony Canelf	49	Machine man.	Benton	C., W. & F. Coal Co.	2	1	1	1	1	1	1 Fall of coal.

NON-FATAL ACCIDENTS, TENTH DISTRICT.

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Name of operator.	Number injured.	Number not re- turned.	Days lost by men returned.		Loss of 7 but less than 30 days.			Loss of 30 or more days.			Month.	Month in which accident occurred.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Days lost.			
						Total.	Average.		Total.	Average.		
Bell & Zoller Coal & Mining Co., No. 1.	35	6	815	28	23	413	18	6	402	67	January	78
Bell & Zoller Coal & Mining Co., No. 2.	64	9	1,379	25	43	785	17	10	594	59	February	44
C. W. & F. Coal Co., No. 1.	51	6	1,115	25	30	406	14	15	709	47	March	56
C. W. & F. Coal Co., No. 2.	55	4	1,959	38	26	443	17	23	1,516	61	April	48
Franklin County Coal Co., Inc., No. 5.	20	4	698	44	9	152	17	7	546	78	May	31
Franklin County Coal Co., Inc., No. 7.	38	4	877	26	28	461	16	6	416	69	June	39
Franklin Mining Co.	36		899	25	24	374	16	12	525	44	July	43
Interstate Coal Co.	13	1	448	37	6	105	18	6	343	57	August	47
Old Ben Coal Corp., No. 8.	60	9	1,846	36	27	457	17	24	1,389	58	September	43
Old Ben Coal Corp., No. 14.	12	3	222	25	5	84	17	9	135	35	October	51
Old Ben Coal Corp., No. 15.	70	17	1,894	36	29	480	17	24	1,414	59	November	48
Peabody Coal Co., No. 18.	21	4	875	51	7	126	18	10	946	75	December	50
Peabody Coal Co., No. 19.	49	16	1,222	37	17	276	16	16	466	117		
Valor Coal Co., No. 1.	15	2	605	47	9	139	15	4	466	52		
West Frankfort Coal Co., No. 21.	39	5	1,038	31	20	315	16	14	723	52		
Total.	578	90	15,892	33	305	5,016	16	183	10,876	59	Total	578

FRANKLIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
SHIPPING MINES.							
1	Chicago, Wilmington & Franklin Coal Co., No. 2	W. Frankfort	1,206,619	817,196	345,728		5,014
2	Bell & Zoller Coal & Mining Co., No. 2	Zeigler	890,270	593,512	241,425		1,571
3	Bell & Zoller Coal & Mining Co., No. 1	Zeigler	887,197	582,108	211,289		6,443
4	Valier Coal Co., No. 1	Valier	878,163		868,988		2,491
5	Old Ben Coal Corp., No. 8	W. Frankfort	688,555	531,405	119,658		8,747
6	Old Ben Coal Corp., No. 15	W. Frankfort	680,711	526,260	106,134		1,180
7	Chicago, Wilmington & Franklin Coal Co., No. 1	Orient	579,235	369,429	159,355		755
8	Franklin County Coal Co., No. 7	Royalton	519,446	279,590	208,892		4,242
9	Franklin County Coal Co., No. 5	Herrin	391,819	345,151	29,756		5,003
10	Peabody Coal Co., No. 19	W. Frankfort	374,398	268,783	94,476		2,782
11	West Frankfort Coal Co., No. 21	W. Frankfort	197,467	132,536	36,170		12,682
12	Brewerton Coal Co., No. 22	Sesser	195,984	112,049	57,050		15,242
13	Franklin Mining Co.	Benton	153,925	100,725	26,955		16,042
14	Old Ben Coal Corp., No. 14	Buckner	74,505	49,294	12,642		6,182
15	Peabody Coal Co., No. 18	W. Frankfort	61,868	20,623	38,404		310
15 shipping mines total			7,780,162	4,728,661	2,556,922		88,686

JEFFERSON COUNTY

LOCAL MINES.							
1	Hugh Scrivner	Belle Rive	200				200
2	Walter Cole	Opdyke	100				80
3	Arch McPherson	Opdyke	91				91
4	J. M. Shelton	Opdyke	80				80
5	Hillary Perry & Vernon Spencer	Dahlgren	70				70
5 local mines total			541				521

TENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kecs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
4,275	34,406	1,051	133	-----	-----	-----	136,000	35	53	1,206,619	-----	-----	-----	1
14,940	38,822	927	158	-----	-----	-----	106,125	41	31	890,270	-----	-----	-----	2
18,322	69,035	612	163	-----	-----	-----	-----	20	55	887,197	-----	-----	-----	3
616	6,068	516	133	-----	-----	-----	148,200	25	41	878,163	-----	-----	-----	4
822	27,923	545	159	-----	-----	-----	-----	16	34	688,555	-----	-----	-----	5
6,329	40,808	506	176	-----	-----	-----	-----	11	27	680,711	-----	-----	-----	6
10,287	39,409	542	126	-----	-----	-----	65,975	18	29	579,235	-----	-----	-----	7
15,349	11,373	551	180	-----	-----	-----	57,750	12	24	519,446	-----	-----	-----	8
7,338	4,571	571	129	-----	-----	-----	66,825	20	6	391,819	-----	-----	33	9
7,091	1,266	579	139	-----	-----	-----	54,000	18	5	374,398	-----	-----	34	10
9,729	6,350	337	168	-----	-----	-----	30,000	9	12	197,467	-----	-----	-----	11
6,588	5,055	344	103	-----	-----	-----	24,000	15	12	195,984	-----	-----	-----	12
5,564	4,699	304	127	-----	-----	-----	25,600	12	5	153,925	-----	-----	11	13
876	5,511	455	23	-----	-----	-----	-----	7	19	74,505	-----	-----	-----	14
2,147	384	567	40	-----	-----	-----	11,300	20	23	61,868	-----	-----	-----	15
110,213	295,680	8,407	130	-----	-----	-----	725,775	279	376	7,780,162	-----	-----	79	

TENTH DISTRICT.

-----	-----	5	15	-----	-----	-----	-----	-----	-----	-----	-----	200	-----	1
20	-----	3	60	-----	-----	-----	-----	-----	-----	-----	-----	100	-----	2
-----	-----	3	50	-----	-----	-----	-----	-----	-----	-----	-----	91	-----	3
-----	-----	4	40	-----	-----	-----	-----	-----	-----	-----	-----	80	-----	4
-----	-----	3	30	-----	-----	-----	-----	-----	-----	-----	-----	70	-----	5
20	-----	18	39	-----	-----	-----	-----	-----	-----	-----	-----	541	-----	

TENTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Franklin.....	15	7,780,162	4,728,661	2,556,922	-----	\$8,686	110,213	295,680

LOCAL MINES

Jefferson.....	5	541	-----	-----	-----	521	20	-----
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ALL MINES

Franklin.....	15	7,780,162	4,728,661	2,556,922	-----	\$8,686	110,213	295,680
Jefferson.....	5	541	-----	-----	-----	521	20	-----
Total.....	20	7,780,703	4,728,661	2,556,922	-----	\$9,207	110,233	295,680

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
8,407	130	-----	-----	-----	725,775	279	376	7,780,162	-----	-----	79

TENTH DISTRICT.

18	39	-----	-----	-----	-----	-----	-----	-----	-----	541	-----
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TENTH DISTRICT.

8,407	130	-----	-----	-----	725,775	279	376	7,780,162	-----	-----	79
18	39	-----	-----	-----	-----	-----	-----	-----	-----	541	-----
8,425	108	-----	-----	-----	725,775	279	376	7,780,162	-----	541	79

ELEVENTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Eleventh Inspection District, comprising the coal producing counties of Gallatin, Pope, Saline, Wabash and White, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	5	5	5	5	5
Number of shipping mines.....	9	9	10	12	14
Number of local mines.....	62	66	55	48	47
Number of employees underground.....	3,516	3,658	3,698	4,079	3,942
Number of employees on surface.....	586	525	589	597	601
Total number employed.....	4,102	4,183	4,287	4,676	4,543
Tons of coal produced in shipping mines.....	2,731,693	2,506,153	2,429,050	2,965,627	3,683,225
Tons of coal produced in local mines.....	81,614	74,000	63,810	52,456	40,758
Tons of coal produced, total.....	2,813,307	2,580,153	2,492,860	3,018,083	3,723,983
Days operated, shipping mines, average.....	144	125	108	106	116
Days operated, local mines, average.....	86	64	97	83	71
Number of undercutting machines.....	168	190	189	208	176
Tons undercut.....	2,497,775	2,272,461	2,136,930	2,791,433	3,143,801
Tons mined by hand.....	45,983	40,900	67,555	61,211	387,817
Tons mined in strip mines.....	269,549	266,792	288,375	165,439	192,365
Number of loading machines used.....	31	62	139	142	105
Tons loaded mechanically.....	323,141	306,574	819,703	1,035,380	648,720
Number of fatal accidents.....	5	5	3	16	7
Number of non-fatal accidents.....	326	288	302	444	465
Number of employees to each fatality.....	820	837	1,429	292	649
Number employed to each non-fatal accident.....	12.6	14.5	14.2	10.5	9.8
Tons of coal mined to each fatality.....	562,661	516,031	830,953	188,630	531,998
Tons mined to each non-fatal accident.....	8,630	8,959	8,255	6,798	8,009
Number of fatalities per 1,000 employed.....	1.2	1.2	.7	3.4	1.5
Number injured per 1,000 employed.....	79.5	68.3	7.04	95.0	102.3

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	14	33	4,164,332	32,507	4,837	107	138	83	10	500	419,684
1930.....	14	47	3,683,225	40,758	4,397	146	117	71	7	465	531,998
1931.....	12	48	2,965,627	52,456	4,491	185	106	83	16	444	188,630
1932.....	10	55	2,429,050	63,810	4,064	223	108	97	3	302	830,953
1933.....	9	66	2,506,153	74,000	3,949	234	125	64	5	288	516,031
Average for 5 years.....	12	50	3,149,676	52,706	4,348	179	119	79	8	400	390,535
1934.....	9	62	2,731,693	81,614	3,812	290	144	86	5	326	562,661
Gain (+) or loss (—), 1934 over previous 5 years.....	—3	+12	—417,983	+27,908	—536	+111	+25	+7	—3	—74	+172,126

CHANGE OF NAME.

Southern Illinois Coal Mining Co., No. 1, to Norris City Coal Co., Norris City in White County.

IDLE MINES.

Illinois Saline Coal Co., Equality in Gallatin County.
 Peabody Coal Co., No. 42, Harrisburg in Saline County.
 Peabody Coal Co., No. 43, Harrisburg in Saline County.
 Peabody Coal Co., No. 44, Harrisburg in Saline County.
 Peabody Coal Co., No. 46, Eldorado in Saline County.
 Sahara Coal Co., No. 8, Harrisburg in Saline County.
 Sahara Coal Co., No. 15, Harrisburg in Saline County.
 Wasson Coal Co., No. 2, Harrisburg in Saline County.

FATAL ACCIDENTS.

February 22, Harvey Bourland, trip rider, age 28 years, married, was killed in Peabody Coal Company's No. 47 mine by striking his head against roof, breaking neck. He leaves a widow and three children.

March 30, Russell Morris, oiler, age 37 years, married, died from injuries received the day before when caught in the machinery at the Blue Bird Coal Company's strip mine. He leaves a widow and one child.

August 30, Earnest Pool, loader, age 29 years, married, was killed in Peabody Coal Company's No. 47 mine by a fall of rock. He leaves a widow and four children.

September 6, Eugene Blackman, loader, age 23 years, married, died as the result of burns received from the explosion of a keg of powder on August 28 in C. C. McNew's mine. He leaves a widow and two children.

December 19, Scott Herron, assistant manager, age 47 years, married, was killed by a fall of rock while checking time in Mine No. 1 of the Sahara Coal Co. He leaves a widow and one child.

Respectfully submitted,

LOREN A. BELT, *Inspector.*

FATAL ACCIDENTS, ELEVENTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number of letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Feb. 22	Feb. 22	Harvey Bourland..	28	Trip rider.	Clifford.....	Peabody Coal Co.....	47	1	1	1	3	4	Struck head against roof:
Mar. 29	Mar. 30	Russell Morris.....	37	Oiler.....	Harrisburg.....	Blue Bird Coal Co.....	---	1	1	1	1	2	Caught in machinery.
Aug. 30	Aug. 30	Earnest Pool.....	29	Loader.....	Eldorado.....	Peabody Coal Co.....	47	1	1	1	4	5	Fall of rock.
Aug. 28	Sept. 6	Eugene Blackman..	23	Loader.....	Stonefort.....	C. C. McNew.....	---	1	1	1	2	3	Powder explosion.
Dec. 19	Dec. 19	Scott Herron.....	47	Assistant manager.....	Muddy.....	Sahara Coal Co.....	1	1	1	1	1	2	Fall of rock.

NON-FATAL ACCIDENTS, ELEVENTH DISTRICT.

Name of operator.	Number injured.	Number not re-returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.
						Total.	Average.		
Blue Bird Coal Co.	3	-----	56	19	3	56	19	4	January
Norris City Coal Co., No. 1.	14	-----	294	21	10	148	15	37	February
Peabody Coal Co., No. 47	90	-----	3,574	50	32	488	15	79	March
Rex Coal Co., No. 2.	31	4	684	25	19	293	15	391	April
Sahara Coal Co., No. 1	40	9	1,032	33	17	285	17	53	May
Sahara Coal Co., No. 3	20	2	807	45	7	105	15	747	June
Sahara Coal Co., No. 10	40	3	1,228	33	17	288	17	702	July
Sahara Coal Co., No. 12	26	7	768	40	9	133	15	940	August
Wasson Coal Co., No. 1.	56	7	1,660	34	28	359	13	635	September
Shipping mines.	320	51	10,103	38	142	2,155	15	1,361	October
Local mines.	6	3	87	29	2	31	16	7,948	November
Total	326	54	10,190	37	144	2,186	15	56	December
					128	8,004	63	63	Total
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
					1			56	
					128			63	
					127			63	
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					128			63	

GALLATIN COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Logan Highway Coal Co.	Junction.	19,154				18,551
2	Mid-City Coal Co.	Junction.	8,024				7,324
3	Pekin Mining Co.	Equality.	2,941				2,791
4	St. Thomas Coal Co.	Shawneetown.	1,346				1,346
5	James A. Patton.	Equality.	450				438
6	North Side Coal Co.	Equality.	222				212
7	County Line Coal Co.	Equality.	211				160
8	James White & Son.	Equality.	200				175
9	Robert Payne.	Shawneetown.	184				184
10	Isaac Black.	Junction.	163				163
11	Big Hill Coal Co.	Saline Mine.	159				135
12	Thornt Colbert.	Equality.	145				125
13	E. V. Schneider.	Sparks Hill.	139				130
14	W. B. Dickson.	Junction.	100				85
15	Edgar Scott.	Sparks Hill.	77				77
16	Wm. Monroe.	Junction.	66				66
17	J. O. Baldwin.	Equality.	50				50
18	Sam Black.	Junction.	20				20
19	Andy Boister.	Junction.	14				14
19 local mines.			33,656				32,046

POPE COUNTY

LOCAL MINE.						
1	A. L. Bowman & Co.	Golconda.	200			200

SALINE COUNTY

SHIPPING MINES.						
1	Peabody Coal Co., No. 47.	Harco.	447,406	329,755	97,158	1,720
2	Wasson Coal Co., No. 1.	Harrisburg.	400,910	266,977	108,683	7,501
3	Sahara Coal Co., No. 1.	Harrisburg.	352,067	330,145	17,471	105
4	Sahara Coal Co., No. 10.	Eldorado.	335,957	205,451	103,734	20,012
5	Rex Coal Co., No. 2.	Eldorado.	323,141	312,194		4,437
6	Sahara Coal Co., No. 12.	Harrisburg.	305,635	209,517	83,267	2,302
7	Sahara Coal Co., No. 3.	Harrisburg.	272,405	160,438	79,173	24,572
8	Blue Bird Coal Co.	Carrier Mills.	263,166	204,896	51,600	
8 shipping mines total.			2,700,687	2,019,373	541,056	60,649
LOCAL MINES.						
1	Lone Star Coal Co.	Carrier Mills.	5,000			4,990
2	W. F. Carolson & Co., Inc.	Carrier Mills.	3,657			3,657
3	H. H. Coal Co.	Equality.	3,000			2,400
4	Blue Bird Sales.	Carrier Mills.	2,726			2,726
5	C. C. McNew.	Stonefort.	2,641			1,981
6	Isaac White Coal Co.	Equality.	2,500			2,100
7	R. O. Strobel.	Equality.	1,475			1,275

ELEVENTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
603		23	143		2,200			1		19,154				1
700		12	191		1,500			1		8,024				2
150		9	101	164							2,941			3
		7	100	60							1,346			4
12		3	98	35							459			5
10		3	80	20							999			6
51		3	27	18							211			7
25		2	232	15							200			8
		2	46	13							184			9
		1	100	10							163			10
24		3	50	13							159			11
20		3	24	7							145			12
		2	43	10							130			13
15		1	30	5							100			14
		1	30	6							77			15
		2	25	4							66			16
		2	14	4							50			17
		1	7	1							20			18
		1	5	1							14			19
1,610		81	71	386	3,800			2		27,178	6,478			

ELEVENTH DISTRICT.

		3	78		600						200			1

ELEVENTH DISTRICT.

7,931	10,842	835	125			42,755	37	25	447,406					1
11,694	6,055	578	142	79	50,375	13	30	12	400,910				30	2
1,905	2,441	647	124		17,675		25,550	18	48	352,067			48	3
6,670	90	428	167				30,325	17	25	335,957			25	4
6,510		323	160				32,400	10	22	323,141				5
4,720	5,829	396	163				31,025	24	15	305,635			23	6
5,815	2,407	426	110		38,150		7,125	25	24	272,405			1	7
6,670		100	155			53						263,166		8
51,915	27,604	3,733	147	79	106,200	66	169,180	161	171	2,437,521		263,166	127	
10		8	225	308							5,000			1
		26	55		700							3,657		2
600		4	215	192							3,000			3
		4	225		650							2,726		4
660		6	165	162							2,641			5
400		5	190	187							2,500			6
200		3	90	80							1,475			7

SALINE COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
8	Moore Coal Mine, No. 3.....	Harrisburg.....	1,285	-----	-----	-----	937
9	Radium Coal Co.....	Mitchellsville.....	1,066	-----	-----	-----	994
10	White Star Coal Co.....	Equality.....	1,058	-----	-----	-----	772
11	L. D. Robertson.....	Harrisburg.....	1,022	-----	-----	-----	767
12	McDowell Bros.....	Harrisburg.....	1,000	-----	-----	-----	950
13	Liberty Coal Co.....	Harrisburg.....	930	-----	-----	-----	930
14	Saline Valley Coal Co.....	Equality.....	846	-----	-----	-----	564
15	Moore Coal Mine, No. 1.....	Harrisburg.....	785	-----	-----	-----	632
16	Oscar Lands.....	Equality.....	600	-----	-----	-----	400
17	Geo. Fife.....	Carrier Mills.....	500	-----	-----	-----	400
18	New Rocky Branch Coal Co.....	Harrisburg.....	500	-----	-----	-----	500
19	Bert Ward.....	Carrier Mills.....	500	-----	-----	-----	500
20	R. L. Clemens.....	Carrier Mills.....	373	-----	-----	-----	283
21	Logan Uzzle.....	Eldorado.....	345	-----	-----	-----	345
22	Black Hawk Coal Co.....	Harrisburg.....	300	-----	-----	-----	300
23	J. C. Littlefield.....	Equality.....	230	-----	-----	-----	200
24	Logan Reynolds.....	Equality.....	226	-----	-----	-----	206
25	Evert Ward.....	Carrier Mills.....	133	-----	-----	-----	100
26	Fred Mosman Coal Co., No. 2.....	Equality.....	125	-----	-----	-----	125
27	J. R. Reynolds.....	Equality.....	121	-----	-----	-----	91
28	Moore Coal Mine, No. 2.....	Harrisburg.....	117	-----	-----	-----	83
29	Fred Mosman Coal Co., No. 1.....	Equality.....	110	-----	-----	-----	100
30	Thos. Colbert.....	Equality.....	100	-----	-----	-----	100
31	Henry Ragsdale.....	Equality.....	100	-----	-----	-----	75
32	A. L. Tarlton.....	Equality.....	60	-----	-----	-----	60
33	Thos. Osborn.....	Equality.....	40	-----	-----	-----	40
34	Walter Finney.....	Equality.....	25	-----	-----	-----	21
35	James Lands.....	Equality.....	25	-----	-----	-----	25
36	James Yates.....	Equality.....	25	-----	-----	-----	25
36 local mines total.....			33,546	-----	-----	-----	29,654
44 all mines total.....			2,734,233	2,019,373	541,086	-----	90,303

WABASH COUNTY

LOCAL MINES.						
1	Briar Hill Coal Co.....	Keensburg.....	6,480	-----	-----	5,184
2	White City Coal Co.....	Keensburg.....	4,072	-----	-----	4,072
3	Robert Wallace.....	Mt. Carmel.....	1,319	-----	-----	1,147
4	A. & P. Coal Co.....	Mt. Carmel.....	1,049	-----	-----	1,014
5	New Bluff Coal Co.....	Keensburg.....	792	-----	-----	692
6	Friendsville Coal Co.....	Friendsville.....	500	-----	-----	500
6 local mines total.....			14,212	-----	-----	12,609

WHITE COUNTY

SHIPPING MINE.						
1	Norris City Coal Mining Co.....	Norris City.....	31,006	10,287	-----	16,060

ELEVENTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
348		11	140	22				1		1,285				8
72		5	71	64							1,066			9
285		8	80	90							1,058			10
255		4	200	86							1,022			11
50		4	180	50							1,000			12
285		4	39	45							930			13
153		2	106	38							846			14
200		7	110	17				1		785				15
100		4	60	20							600			16
		2	125	40							500			17
		4	65	25							500			18
		2	100	20							500			19
90		2	91	25							373			20
		2	50	25							345			21
		3	43	20							300			22
30		1	72	28							230			23
20		4	57	15							226			24
33		2	33	11							133			25
		2	43	5							125			26
30		4	20	10							121			27
34		2	75	7							117			28
10		2	35	6							110			29
		1	50	4							100			30
25		2	33	9							100			31
		2	30	5							60			32
		1	13	3							40			33
4		1	9	2							25			34
		2	6	1							25			35
		1	8	2							25			36
3,892		153	86	1,624	1,350			2		2,070	25,093	6,383		
55,807	27,664	3,886	97	1,703	107,550	66	169,180	163	171	2,439,591	25,093	269,549	127	

ELEVENTH DISTRICT.

1,296	10	200	360							6,480			1
	9	180	407							4,072			2
172	7	132		2,000						1,319			3
35	11	45		1,900						1,049			4
100	10	180	88							792			5
	6	42	34							500			6
1,603	53	130	889	3,900						14,212			

ELEVENTH DISTRICT.

2,488	2,171	79	116		4,500			3	1	31,006			6	1
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ELEVENTH DISTRICT, SHIPPING MINES

Counties.	Number of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for shipment.	Sold to railroad companies.	Supplied to locomotives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Saline.....	8	2,700,687	2,019,373	541,086	-----	60,649	51,915	27,664
White.....	1	31,006	10,287	-----	-----	16,060	2,488	2,171
Total.....	9	2,731,693	2,029,660	541,086	-----	76,709	54,403	29,835

LOCAL MINES

Gallatin.....	19	33,656	-----	-----	-----	32,046	1,610	-----
Pope.....	1	200	-----	-----	-----	200	-----	-----
Saline.....	36	33,546	-----	-----	-----	29,654	3,892	-----
Wabash.....	6	14,212	-----	-----	-----	12,609	1,603	-----
Total.....	62	81,614	-----	-----	-----	74,509	7,105	-----

ALL MINES

Gallatin.....	19	33,656	-----	-----	-----	32,046	1,610	-----
Pope.....	1	200	-----	-----	-----	200	-----	-----
Saline.....	44	2,734,233	2,019,373	541,086	-----	90,303	55,807	27,664
Wabash.....	6	14,212	-----	-----	-----	12,609	1,603	-----
White.....	1	31,006	10,287	-----	-----	16,060	2,488	2,171
Total.....	71	2,813,307	2,029,660	541,086	-----	151,218	61,508	29,835

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissible—pounds.			Machine.	Hand.	Stripping.	
3,733 79	147 116	79	106,200 4,500	66	169,180	161 3	171 1	2,437,521 31,006	----- -----	263,166	127 6
3,812	144	79	110,700	66	169,180	164	172	2,468,527	-----	263,166	133

ELEVENTH DISTRICT.

81 3 153 53	71 78 86 130	386 ----- 1,624 889	3,800 600 1,350 3,900	----- ----- ----- -----	----- ----- ----- -----	2 ----- 2 -----	----- ----- ----- -----	27,178 ----- 2,070 -----	6,478 200 25,093 14,212	----- ----- 6,383 -----	----- ----- ----- -----
290	86	2,899	9,650	-----	-----	4	-----	29,248	45,983	6,383	-----

ELEVENTH DISTRICT.

81 3 3,886 53 79	71 78 97 130 116	386 ----- 1,703 889 -----	3,800 600 107,550 3,900 4,500	----- ----- 66 ----- -----	----- ----- 169,180 ----- -----	2 ----- 163 ----- 3	----- ----- 171 ----- 1	27,178 ----- 2,439,591 ----- 31,006	6,478 200 25,093 14,212 -----	----- ----- 269,549 ----- -----	----- ----- 127 ----- 6
4,102	93	2,978	120,350	66	169,180	168	172	2,497,773	45,983	269,549	133

TWELFTH DISTRICT.

*Hon. James McSherry, Director,
Department of Mines and Minerals,
Springfield, Illinois.*

SIR: I have the honor of submitting to you the report of this the Twelfth Inspection District, comprising the coal producing counties of Johnson and Williamson, for the year ended December 31, 1934.

The items shown are summarized in the following general statement which likewise shows the comparative figures for the four previous years:

	1934	1933	1932	1931	1930
Number of counties producing coal.....	2	2	2	2	2
Number of shipping mines.....	18	19	18	20	20
Number of local mines.....	85	85	77	61	57
Number of employees underground.....	2,127	2,557	2,701	4,151	4,313
Number of employees on surface.....	583	561	483	692	613
Total number employed.....	2,710	3,118	3,184	4,843	4,926
Tons of coal produced in shipping mines.....	1,899,152	1,892,183	1,807,728	2,090,098	4,033,845
Tons of coal produced in local mines.....	191,667	145,452	127,350	77,411	76,014
Tons of coal produced, total.....	2,090,819	2,037,635	1,935,078	2,167,509	4,109,859
Days operated, shipping mines, average.....	143	109	89	94	137
Days operated, local mines, average.....	137	116	101	112	112
Number of undercutting machines.....	60	70	71	143	184
Tons undercut.....	1,676,385	1,760,346	1,741,361	1,919,796	3,694,124
Tons mined by hand.....	281,944	180,608	167,013	213,368	180,756
Tons mined in strip mines.....	132,490	96,681	26,704	34,345	181,535
Number of loading machines used.....	169	266	270	344	231
Tons loaded mechanically.....	1,235,986	1,617,509	1,639,010	1,375,852	1,929,807
Number of fatal accidents.....	7	10	7	5	15
Number of non-fatal accidents.....	147	164	190	146	367
Number of employees to each fatality.....	387	312	455	969	328
Number employed to each non-fatal accident.....	18.4	19	16.8	33.2	13
Tons of coal mined to each fatality.....	298,688	203,763	276,440	433,502	273,990
Tons mined to each non-fatal accident.....	14,223	12,425	10,185	14,846	11,199
Number of fatalities per 1,000 employed.....	2.6	3.2	2.2	1.0	3.0
Number injured per 1,000 employed.....	54.2	52.6	59.7	30.1	74.5

Year.	Number of—		Tons mined in—		Em- ployees.		Average days worked.		Acci- dents.		Tons mined to one killed.
	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Shipping mines.	Local mines.	Fatal.	Non- fatal.	
1929.....	26	30	5,223,641	51,221	5,843	119	148	117	5	519	1,054,972
1930.....	20	57	4,033,845	76,014	4,745	181	134	112	15	367	273,990
1931.....	20	61	2,090,098	77,411	4,588	255	94	112	5	146	433,502
1932.....	18	77	1,807,728	127,350	2,817	367	89	101	7	190	276,440
1933.....	19	85	1,892,183	145,452	2,705	413	109	116	10	164	203,763
Average for 5 years.....	21	62	3,009,499	95,490	4,140	267	117	111	8	277	369,642
1934.....	18	84	1,899,152	191,581	2,225	483	143	138	7	147	298,688
Gain (+) or loss (—), 1934 over previous 5 years.....	-3	+22	-1,110,347	+96,091	-1,915	+216	+26	+27	-1	-130	-70,954

NEW MINES.

Carterville Mining & Engineering Co., Cambria in Williamson County.

Forsyth Carterville Coal Co., Carterville in Williamson County.

Rodney Coal Co., Herrin in Williamson County.

CHANGE OF NAME.

Cosgrove Meehan Coal Co., No. 1, to Franco Mining Corp., Johnston City in Williamson County.

McWherter Coal Co. to Old Bruce Coal Co., Johnston City in Williamson County.

Pendley & Wilkinson Coal Co. to L. L. Wilkinson, Marion in Williamson County.

FORMER LOCAL MINES WHICH OPERATED AS SHIPPING MINES.

M. H. Radford, Marion in Williamson County.

SHIPPING MINES WHICH OPERATED AS LOCAL MINES.

Old Bruce Coal Co., Johnston City in Williamson County.

L. L. Wilkinson, Marion in Williamson County.

Quality Coal Co., Marion in Williamson County.

Sunrise Coal Co., Cambria in Williamson County.

IDLE MINES.

Cosgrove Meehan Coal Co., No. 2, Pittsburg in Williamson County.

Cosgrove Meehan Coal Co., No. 3, Pittsburg in Williamson County.

Consolidated Coal Co., No. 8, Clifford in Williamson County.

Consolidated Coal Co., "L. C." Johnston City in Williamson County.

Madison Coal Corp. No. 12, Carterville in Williamson County.

Old Ben Coal Corp., No. 20, Herrin in Williamson County.

Skaggs Coal Co., Herrin in Williamson County.

FATAL ACCIDENTS.

January 11, Dave Howell, loader, age 68 years, married, was killed in Cosgrove-Meehan Coal Company's No. 1 mine, by a fall of coal. He leaves a widow.

January 16, Lee Eberhardt, machine man, age 44 years, married, was killed by a fall of coal in Old Ben Coal Corporation's No. 18 mine. He leaves a widow and six children.

January 23, James Bratcher, loader, age 60 years, single, was killed by falling rock in Freeman Coal Mining Company's mine.

April 26, Tony Burkis, timberman, age 47 years, married, died from injuries received two days before from a fall of slate in Cosgrove-Meehan Coal Company's No. 1 mine. He leaves a widow and one child.

November 26, Sam Jackson, trackman, age 43 years, married, died as a result of a fall of rock in Mine No. 18 of the Old Ben Coal Corp. He leaves a widow and five children.

December 3, Carl Rodman, apprentice miner, age 23 years, married, was killed by a fall of rock in the City Lake Coal Co. mine. He leaves a widow.

December 3, Ralph Shack, miner, age 29 years, married, was killed by a fall of rock in the City Lake Coal Co. mine. He leaves a widow and two dependent children.

Respectfully submitted,

FRED SCHOONOVER, *Inspector.*

FATAL ACCIDENTS, TWELFTH DISTRICT, 1934.

Date of injury.	Date of death.	Name.	Age.	Occupation.	Residence.	Name of operator of mine.	Number of letter of mine.	Married.	Single.	Widow.	Children.	Dependents.	Cause of death.
Jan. 11	11	Dave Howell	68	Loader	Johnston City	Cosgrove-Meehan Coal Co.	1	1	1	1	1	1	1 Fall of coal.
Jan. 16	16	Lee Eberhardt	44	Machine man	Johnston City	Old Ben Coal Corp.	18	1	1	1	6	7	1 Fall of coal.
Jan. 23	23	James Bratcher	60	Loader	Herrin	Freeman Coal Mining Co.	1	1	1	1	1	2	1 Fall of rock.
Apr. 24	26	Tony Burks	47	Timberman	Johnston City	Cosgrove-Meehan Coal Co.	18	1	1	1	1	1	2 Fall of slate.
Nov. 26	26	Sam Jackson	43	Trackman	Johnston City	Old Ben Coal Corp.	1	1	1	1	1	1	6 Fall of rock.
Dec. 3	3	Carl Rodman	23	Apprentice miner	Cambria	City Lake Coal Co.	1	1	1	1	1	1	1 Fall of rock.
Dec. 3	3	Ralph Shack	29	Miner	Cartersville	City Lake Coal Co.	1	1	1	1	2	3	3 Fall of rock

NON-FATAL ACCIDENTS, TWELFTH DISTRICT.

Name of operator.	Number injured.	Number not returned.	Days lost by men returned.		Loss of 7 but less than 30 days.		Loss of 30 or more days.		Month in which accident occurred.
			Total.	Average.	Number injured.	Days lost.		Number injured.	Month.
						Total.	Average.		
Blue Hill Coal Co.	14	2	347	29	8	125	16	4	January.....
Carbon Fuel Co.	5	1	49	12	4	49	12	2	February.....
Cartersville Peacock Coal Co.	5	1	169	34	3	38	13	2	March.....
City Lake Coal Co.	1	1	542	23	18	392	17	6	April.....
Consolidated Coal Co. of St. Louis, No. 7	27	3	542	15	1	15	15	1	May.....
Consumers Coal Co.	1	1	15	15	4	65	16	12	June.....
Cosgrove-Medden Coal Co., No. 1	23	7	538	34	3	47	16	12	July.....
Forsyth Cartersville Coal Co.	4	1	47	16	3	50	17	1	August.....
Freeman Coal Mining Co.	5	1	116	29	3	235	18	16	September.....
Old Ben Coal Corp., No. 18	31	2	1,202	41	13	14	14	5	October.....
Puritan Coal Co.	1	1	14	14	1	152	17	2	November.....
Seymour Coal Co.	16	2	384	27	9	64	11	5	December.....
Wallace Coal Co.	8	1	174	22	6	156	16	48	
Shipping mines.	141	20	3,597	30	73	77	15	1	
Local mines	6	1	107	18	5	1,233	16	49	
Total.....	147	20	3,704	29	78	1,156	16	50	Total.....

JOHNSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
LOCAL MINES.							
1	Kinslow & Hundley.....	New Burnside.....	640	-----	-----	-----	640
2	J. W. Chambers.....	Vienna.....	70	-----	-----	-----	70
3	A. O. Choat.....	Tunnel Hill.....	15	-----	-----	-----	15
4	Jobe & Ross.....	Tunnel Hill.....	4	-----	-----	-----	4
4 local mines total.....			729	-----	-----	-----	729

WILLIAMSON COUNTY

SHIPPING MINES.							
1	Old Ben Coal Corp., No. 18.....	Johnston City.....	445,978	216,675	220,892	-----	2,368
2	Consolidated Coal Co. of St. Louis, No. 7.....	Herrin.....	440,637	257,197	150,509	-----	11,642
3	Seymour Coal Co.....	Herrin.....	286,363	195,313	76,856	-----	958
4	Franco Mining Corp., No. 1.....	Johnston City.....	241,387	153,677	66,441	-----	3,223
5	Freeman Coal Mining Co.....	Herrin.....	102,266	71,497	24,492	-----	1,397
6	Carterville Peacock Coal Co.....	Harrisburg.....	94,575	55,901	36,437	-----	537
7	Wallace Coal Co.....	Marion.....	94,105	70,841	18,211	-----	473
8	Blue Hill Coal Co.....	Marion.....	92,970	80,113	-----	-----	1,696
9	Carbon Fuel Co.....	Marion.....	34,156	25,482	7,817	-----	449
10	City Lake Coal Co.....	Herrin.....	14,679	14,679	-----	-----	-----
11	Forsyth Carterville Coal Co.....	Carterville.....	13,730	10,968	2,762	-----	-----
12	Consumers Coal & Materials Co.....	Marion.....	9,678	513	-----	-----	9,165
13	Spillertown Mining Co.....	Johnston City.....	9,252	250	-----	-----	8,700
14	New Watson Coal Co.....	Herrin.....	6,455	6,455	-----	-----	-----
15	Puritan Coal Co., No. 1.....	Marion.....	3,846	3,846	-----	-----	-----
16	Carterville Mining & Engineering Co.....	Cambria.....	3,513	2,325	1,188	-----	-----
17	Rodney Coal Co.....	Herrin.....	3,430	3,430	-----	-----	-----
18	M. H. Radford.....	Marion.....	2,132	2,132	-----	-----	-----
18 shipping mines total.....			1,899,152	1,171,294	605,605	-----	40,608
LOCAL MINES.							
1	Ray Henderickson.....	Marion.....	12,720	-----	-----	-----	9,540
2	Blue Ribbon Coal Co.....	Marion.....	12,256	-----	-----	-----	9,856
3	Vallie Corder.....	Marion.....	7,550	-----	-----	-----	7,550
4	C. M. Bridis.....	Marion.....	7,096	-----	-----	-----	6,596
5	Sunny Brook Coal Co.....	Marion.....	7,059	-----	-----	-----	6,514
6	Moren Coal Co.....	Marion.....	6,799	-----	-----	-----	6,499
7	C. M. & F. J. Bruce.....	Marion.....	6,440	-----	-----	-----	6,440
8	New Black Diamond Coal Co., No. 3.....	Carterville.....	5,742	-----	-----	-----	5,562
9	Sunrise Coal Co.....	Cambria.....	5,655	-----	-----	-----	5,655
10	H. L. Wyatt.....	Herrin.....	5,547	-----	-----	-----	5,547
11	New Block Coal Co.....	Carterville.....	5,433	-----	-----	-----	5,473
12	Rock Creek Coal Co.....	Marion.....	4,964	-----	-----	-----	4,964
13	Quality Coal Co.....	Marion.....	4,500	-----	-----	-----	4,200
14	Floyd Marshall & James Smith.....	Marion.....	4,400	-----	-----	-----	4,250
15	Chas. Hundley.....	Carterville.....	4,100	-----	-----	-----	4,100
16	J. W. Hill.....	Marion.....	3,990	-----	-----	-----	3,940
17	Brown & Roberts.....	Marion.....	3,853	-----	-----	-----	3,853
18	Ogmore Coal Co.....	Cambria.....	3,629	-----	-----	-----	3,629
19	Philip Fulkerson.....	Marion.....	3,500	-----	-----	-----	3,500
20	Jefferies & Templeton.....	Herrin.....	3,427	-----	-----	-----	3,427
21	Straud Coal Co.....	Marion.....	3,168	-----	-----	-----	3,168
22	Floyd McDonald.....	Marion.....	2,880	-----	-----	-----	2,880

TWELFTH DISTRICT.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
-----	-----	3	190	48	-----	-----	-----	-----	-----	-----	640	-----	-----	1
-----	-----	3	30	14	-----	-----	-----	-----	-----	-----	70	-----	-----	2
-----	-----	1	7	-----	-----	-----	-----	-----	-----	-----	15	-----	-----	3
-----	-----	1	4	-----	-----	-----	-----	-----	-----	-----	4	-----	-----	4
-----	-----	8	58	62	-----	-----	-----	-----	-----	-----	729	-----	-----	-----

TWELFTH DISTRICT.

2,010	4,033	551	93	-----	-----	-----	-----	11	31	445,978	-----	-----	-----	1
15,965	5,324	413	135	-----	-----	-----	82,500	12	23	440,637	-----	-----	-----	2
-----	13,236	293	247	448	92,525	-----	-----	11	3	278,962	7,401	-----	19	3
17,405	641	300	159	-----	-----	-----	43,850	10	10	194,642	46,745	-----	-----	4
120	4,760	276	107	-----	-----	-----	18,475	6	4	102,266	-----	-----	6	5
1,700	-----	39	173	-----	-----	-----	-----	-----	-----	-----	-----	94,575	-----	6
-----	4,580	37	229	-----	15,000	-----	-----	2	1	94,105	-----	-----	4	7
5,470	5,691	95	187	-----	25,825	-----	-----	4	1	92,970	-----	-----	4	8
-----	408	37	193	2,126	-----	-----	-----	-----	1	-----	34,156	-----	2	9
-----	-----	40	134	1,100	-----	-----	-----	-----	-----	-----	14,679	-----	10	10
-----	-----	45	34	-----	600	-----	225	-----	-----	-----	-----	13,730	-----	11
-----	-----	12	211	57	-----	-----	-----	-----	-----	-----	-----	9,678	-----	12
302	-----	20	153	80	-----	-----	-----	1	-----	9,252	-----	-----	3	13
-----	-----	18	177	600	-----	-----	-----	-----	-----	-----	6,453	-----	2	14
-----	-----	16	86	80	-----	-----	-----	1	-----	3,846	-----	-----	1	15
-----	-----	16	58	-----	-----	200	-----	-----	-----	-----	-----	3,513	-----	16
-----	-----	14	49	3	-----	-----	-----	-----	-----	3,430	-----	-----	1	17
-----	-----	3	153	-----	200	-----	-----	-----	-----	-----	-----	2,132	-----	18
42,972	38,673	2,225	143	4,494	134,150	200	145,050	58	74	1,662,658	112,866	123,628	52	-----
3,180	-----	9	306	680	-----	-----	-----	-----	-----	-----	12,720	-----	-----	1
2,400	-----	23	240	340	-----	-----	-----	1	-----	10,555	1,701	-----	-----	2
-----	-----	12	168	604	-----	-----	-----	-----	-----	-----	7,550	-----	-----	3
500	-----	11	200	295	-----	-----	-----	-----	-----	-----	7,096	-----	-----	4
575	-----	6	270	400	-----	-----	-----	-----	-----	-----	7,089	-----	-----	5
300	-----	10	190	282	-----	-----	-----	-----	-----	-----	6,799	-----	-----	6
-----	-----	9	250	-----	11,250	-----	-----	-----	-----	-----	6,440	-----	-----	7
180	-----	16	186	114	-----	-----	-----	1	-----	3,172	2,570	-----	-----	8
-----	-----	6	195	226	-----	-----	-----	-----	-----	-----	5,653	-----	-----	9
-----	-----	8	295	242	-----	-----	-----	-----	-----	-----	5,547	-----	-----	10
10	-----	14	273	388	-----	-----	-----	-----	-----	-----	5,483	-----	-----	11
-----	-----	8	240	300	-----	-----	-----	-----	-----	-----	4,964	-----	-----	12
300	-----	15	120	540	-----	-----	-----	-----	-----	-----	4,500	-----	-----	13
150	-----	2	260	223	-----	-----	-----	-----	-----	-----	4,400	-----	-----	14
-----	-----	6	205	200	-----	-----	-----	-----	-----	-----	4,100	-----	-----	15
50	-----	5	175	395	-----	-----	-----	-----	-----	-----	3,990	-----	-----	16
-----	-----	5	275	295	-----	-----	-----	-----	-----	-----	3,883	-----	-----	17
-----	-----	11	74	244	-----	-----	-----	-----	-----	-----	3,629	-----	-----	18
-----	-----	8	240	-----	3,700	-----	-----	-----	-----	-----	3,500	-----	-----	19
-----	-----	12	165	190	-----	-----	-----	-----	-----	-----	3,427	-----	-----	20
-----	-----	5	200	200	-----	-----	-----	-----	-----	-----	-----	3,168	-----	21
-----	-----	4	240	225	-----	-----	-----	-----	-----	-----	2,880	-----	-----	22

WILLIAMSON COUNTY

Number.	Name of operator.	Post office address of the mine.	Disposition of output—tons.				
			Total.	Tons loaded on cars for shipment.	Tons sold to railroad companies.	Tons supplied to locomotives.	Tons sold to local trade.
23	Sims & Angel.....	Marion.....	2,800	-----	-----	-----	2,800
24	Moore & Son.....	Marion.....	2,750	-----	-----	-----	2,500
25	Cambria Coal Co.....	Cambria.....	2,580	-----	-----	-----	2,550
26	Helms & Smiley.....	Marion.....	2,500	-----	-----	-----	2,000
27	Springhart Bros.....	Marion.....	2,500	-----	-----	-----	2,500
28	Staudacher & Penley.....	Marion.....	2,423	-----	-----	-----	2,423
29	Old Bruce Coal Co.....	Johnston City.....	2,415	-----	-----	-----	1,600
30	Snider Coal Co.....	Marion.....	2,400	-----	-----	-----	2,400
31	Evan Rentfro.....	Marion.....	2,310	-----	-----	-----	1,775
32	Young Bros.....	Cartersville.....	2,248	-----	-----	-----	2,248
33	I. D. Gosnell.....	Blairsville.....	2,242	-----	-----	-----	2,042
34	Old Hickory Coal Co.....	Marion.....	2,153	-----	-----	-----	2,153
35	Kenneth McDonald.....	Marion.....	2,015	-----	-----	-----	2,015
36	Seigel Ledford.....	Stonefort.....	2,000	-----	-----	-----	2,000
37	Wayne Wilson.....	Marion.....	2,000	-----	-----	-----	2,000
38	Gresham & Roberts.....	Marion.....	1,996	-----	-----	-----	1,996
39	Peerless Coal Co.....	Cambria.....	1,690	-----	-----	-----	1,690
40	Alex McCluskie.....	Marion.....	1,650	-----	-----	-----	1,650
41	Harris Bros.....	Marion.....	1,500	-----	-----	-----	1,000
42	Herman Issler.....	Marion.....	1,500	-----	-----	-----	1,500
43	Chas. L. Weisbrodt.....	Marion.....	1,500	-----	-----	-----	1,350
44	Chas. J. Bruce.....	Marion.....	1,380	-----	-----	-----	1,270
45	R. E. Clark & Co.....	Carbondale.....	1,252	-----	-----	-----	1,252
46	L. L. Wilkinson.....	Marion.....	1,163	-----	-----	-----	1,163
47	Bart McNeill.....	Herrin.....	1,000	-----	-----	-----	1,000
48	Tony Polinski.....	Marion.....	1,000	-----	-----	-----	1,000
49	Tripp & Rushing.....	Cartersville.....	1,000	-----	-----	-----	800
50	Gabriel Bros.....	Marion.....	950	-----	-----	-----	950
51	NuWay Coal Co.....	Marion.....	939	-----	-----	-----	939
52	Thomas Hickey.....	Marion.....	912	-----	-----	-----	912
53	Nolia Williamson Coal Co.....	Cartersville.....	900	-----	-----	-----	900
54	Walter Kelton.....	Pittsburg.....	850	-----	-----	-----	850
55	Deep Vein Coal Co.....	Marion.....	831	-----	-----	-----	831
56	Phillips Coal Co.....	Cartersville.....	750	-----	-----	-----	750
57	Hemlock Coal Co.....	Marion.....	705	-----	-----	-----	705
58	V. A. Schillinger.....	Marion.....	700	-----	-----	-----	450
59	Blue Blaze Coal Co.....	Marion.....	690	-----	-----	-----	690
60	Gabriel Coal Co.....	Marion.....	606	-----	-----	-----	606
61	Black Diamond Coal Co.....	Marion.....	602	-----	-----	-----	602
62	Charles M. Hughes.....	Marion.....	575	-----	-----	-----	491
63	Guy Pulley.....	Marion.....	400	-----	-----	-----	400
64	W. A. Wilson.....	Dongola.....	395	-----	-----	-----	380
65	Tony Sobczyk.....	Marion.....	362	-----	-----	-----	362
66	Elkins & Richey.....	Cambria.....	350	-----	-----	-----	350
67	Evert Parton.....	Stonefort.....	330	-----	-----	-----	330
68	D. M. Humphrey.....	Cartersville.....	301	-----	-----	-----	251
69	J. R. Wilson.....	West Frankfort.....	300	-----	-----	-----	300
70	A. Singley & Son.....	Cambria.....	300	-----	-----	-----	300
71	Hosia Tanner.....	Marion.....	300	-----	-----	-----	300
72	H. H. Cooksey.....	Marion.....	292	-----	-----	-----	292
73	Grant & Odum.....	Marion.....	225	-----	-----	-----	168
74	Hampton Coal Co.....	Cartersville.....	178	-----	-----	-----	178
75	McIntosh Coal Co.....	Johnston City.....	150	-----	-----	-----	150
76	Everett Threlkeld.....	Marion.....	86	-----	-----	-----	86
77	Ed Nolen.....	Marion.....	54	-----	-----	-----	46
78	Frank Sobczyk.....	Marion.....	35	-----	-----	-----	23
79	Cobb & Nace.....	Johnston City.....	30	-----	-----	-----	30
80	Wilkins Coal Co.....	Marion.....	30	-----	-----	-----	25
81	Ed Freels.....	Marion.....	25	-----	-----	-----	25
81 local mines total.....			190,938	-----	-----	-----	179,552
99 all mines total.....			2,090,090	1,171,294	605,605	-----	220,160

TWELFTH DISTRICT—Concluded.

Disposition of output—tons.		Total employees.	Days of active operation.	Explosives used for blasting coal.				Number of—		Tons mined by machine.	Tons mined by hand.	Tons mined in strip mines.	Number animals underground.	Number.
Tons consumed at the mine.	All coal not sold including waste.			Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.	Mining machines.	Motors.					
250		5	112	233							2,800			23
		10	138	50							2,750			24
500		8	196	129							2,550			25
		4	150	168							2,500			26
		8	240	166							2,500			27
815		5	263	102							2,423			28
		8	100	120							2,415			29
535		20	200	135							2,400			30
		5	148	156							2,310			31
200		4	150	77							2,248			32
		7	112	150							2,242			33
		6	270		1,450						2,153			34
		4	240	150							2,015			35
		6	150	135							2,000			36
		4	150	80							2,000			37
		6	200	200							1,996			38
		7	35	60							1,690			39
		8	160	83							1,650			40
500		4	234	125							1,500			41
		2	200	15								1,500		42
150		2	100	20							50	1,450		43
110		4	130	15							1,380			44
		4	100	75							1,252			45
		3	65	20								1,163		46
		4	75	50							1,000			47
200		5	84	32							1,000			48
		5	100	40							1,000			49
		4	122	47							950			50
		5	136	39							939			51
		6	121	61							912			52
		8	131	32							900			53
		2	130	24							850			54
		4	90	25							831			55
		7	50	35							750			56
		8	33	14								705		57
250		2	108	30							700			58
		4	120								690			59
		2	90	50							606			60
		2	180	35							602			61
84		1	90	8								575		62
		5	100	40							400			63
15		6	50	16							395			64
		2	90	9							362			65
		3	40	30							350			66
50		2	80		350						330			67
		1	56	4								301		68
		4	90	19							300			69
		4	210	50							300			70
		3	100	55							300			71
		6	33	23							292			72
57		3	45	15							225			73
		3	109	21							178			74
		2	30	7							150			75
		2	28	1							86			76
8		3	15	3							54			77
12		2	12	2							35			78
		3	25	2							30			79
5		3	18		50						30			80
		2	20	2							25			81
11,386		477	141	9,648	16,800			2		13,727	168,349	8,862		
54,358	38,673	2,702	141	14,142	150,950	200	145,050	60	74	1,676,385	281,215	132,490	52	

TWELFTH DISTRICT, SHIPPING MINES

Counties.	Num- ber of mines.	Total tons mined.	Disposition of output in tons.					
			Loaded on cars for ship- ment.	Sold to railroad com- panies.	Sup- plied to loco- motives.	Sold to local trade.	Used at the mine.	All coal not sold including waste.
Williamson.....	18	1,899,152	1,171,294	605,605	-----	40,608	42,972	38,673

LOCAL MINES

Johnson.....	4	729	-----	-----	-----	729	-----	-----
Williamson.....	81	190,938	-----	-----	-----	179,552	11,386	-----
Total.....	85	191,667	-----	-----	-----	180,281	11,386	-----

ALL MINES

Johnson.....	4	729	-----	-----	-----	729	-----	-----
Williamson.....	99	2,090,090	1,171,294	605,605	-----	220,160	54,358	38,673
Total.....	103	2,090,819	1,171,294	605,605	-----	220,889	54,358	38,673

RECAPITULATION BY COUNTIES.

Total employees.	Average days operated.	Explosives used for blasting coal.				Number of mining machines used.	Number of motors in use.	Tons mined by—			Number of animals underground.
		Powder—kegs.	Pellet powder—pounds.	Dynamite—pounds.	Permissibles—pounds.			Machine.	Hand.	Stripping.	
2,225	143	4,494	134,150	200	145,050	58	74	1,662,658	112,866	123,628	52

TWELFTH DISTRICT.

8	58	62	-----	-----	-----	-----	-----	-----	729	-----	-----
477	141	9,648	16,800	-----	-----	2	-----	13,727	168,349	8,862	-----
485	137	9,710	16,800	-----	-----	2	-----	13,727	169,078	8,862	-----

TWELFTH DISTRICT.

8	58	62	-----	-----	-----	-----	-----	-----	729	-----	-----
2,702	141	14,142	150,950	200	145,050	60	74	1,676,385	281,215	132,490	52
2,710	138	14,204	150,950	200	145,050	60	74	1,676,385	281,944	132,490	52

SUPPLEMENT.

Report of Division of Inspection.

Report of Division of Miners' Examination.

Report of Division of Mine Rescue.

Report of Division of Economic Investigation.

Report of Division of Fluorspar.

Report of State Mining Board.

Lists of candidates issued certificates of competency as State Inspectors, Mine Managers, Mine Examiners and Hoisting Engineers.

REPORT OF DIVISION OF INSPECTION.

The report of the services rendered by State Inspectors of Mines is shown as follows:

Days Inspecting Mines.....	2,007
Other Classified Service	900
Miscellaneous Service	643
	<hr/>
Total Days	3,550
Average Days for each Inspector	296
Average Days Inspecting Mines	167
Average Days in Other Classified Service.....	75
Average Days in Miscellaneous Service	54
Number of Inspections made.....	2,567
Average Inspections for each Inspector.....	214

SUMMARY OF SPECIFIC WORK REPORT FOR 1934

District.	Inspecting mines.				Other classified duties—days worked.										Miscellaneous services.		Total days.
	Shipping.		Local.		Total.		Per cent of time inspecting mines.	Investigating accidents.	Testing scales.	Investigating complaints.	Office work.	Traveling.	Total days in other classified duties.	Per cent of time in other classified duties.	Days worked.	Per cent of time.	
	Num-ber in-spected.	Days worked.	Num-ber in-spected.	Days worked.	Num-ber in-spected.	Days worked.											
First.....	19	28	264	144	283	172	57.0	6	1	29	51	7	94	31.1	36	11.9	
Second.....	14	21	230	160	244	181	59.0	3	1	57	29	15	105	34.2	21	6.8	
Third.....	31	38	495	117	526	155	52.4	3	1	5	42	9	60	20.3	81	27.3	
Fourth.....	32	54	83	64	115	118	38.6	17	—	62	33	31	143	46.7	45	14.7	
Fifth.....	11	27	208	191	219	218	71.0	13	2	1	13	11	40	13.0	49	16.0	
Sixth.....	39	86	202	78	241	164	58.2	10	—	7	23	6	41	14.5	77	27.3	
Seventh.....	32	73	49	43	81	116	40.0	5	4	11	45	15	85	29.3	89	30.7	
Eighth.....	47	56	50	40	97	96	33.8	6	17	30	47	14	114	40.1	74	26.1	
Ninth.....	86	101	134	71	220	172	66.1	5	8	16	6	5	40	15.4	48	18.5	
Tenth.....	48	187	5	3	53	190	62.5	17	1	18	35	5	76	25.0	38	12.5	
Eleventh.....	27	62	169	135	196	197	64.2	2	4	9	22	22	59	19.2	51	16.6	
Twelfth.....	49	58	243	170	292	228	74.8	6	—	2	31	4	43	14.1	34	11.1	
Total.....	435	791	2,132	1,216	2,567	2,007	56.5	93	39	247	377	144	900	25.4	643	18.1	
																3,550	

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

Date.	Place of meeting.	Number of successful applicants.	Number of certificates issued.	Fees collected.
Jan. 9	Peoria.....	17	17	\$34.00
10	Canton.....	6	6	12.00
11	Galesburg.....	7	7	14.00
12	LaSalle.....	6	6	12.00
16	Staunton.....	2	2	4.00
17	West Frankfort.....	11	11	22.00
18	Harrisburg.....	12	12	24.00
19	Sparta.....	16	16	32.00
20	Collinsville.....	7	7	14.00
23	Springfield.....	22	22	44.00
24	Taylorville.....	12	12	24.00
25	Danville.....	18	18	36.00
Feb. 6	Peoria.....	9	9	18.00
7	Kewanee.....	23	23	46.00
8	Rock Island.....	16	16	32.00
9	LaSalle.....	3	3	6.00
13	Gillespie.....	3	3	6.00
14	West Frankfort.....	23	23	46.00
15	Herrin.....	29	29	58.00
16	DuQuoin.....	10	10	20.00
17	Decatur.....	9	9	18.00
20	Springfield.....	22	22	44.00
21	Shelbyville.....	23	23	46.00
22	Danville.....	6	6	12.00
Mar. 6	Peoria.....	4	4	8.00
7	Canton.....	4	4	8.00
8	Galesburg.....	2	2	4.00
9	LaSalle.....	6	6	12.00
13	Staunton.....	1	1	2.00
14	West Frankfort.....	12	12	24.00
15	Harrisburg.....	17	17	34.00
16	Centralia.....	4	4	8.00
17	Belleville.....	7	7	14.00
20	Springfield.....	1	1	2.00
21	Taylorville.....	4	4	8.00
22	Danville.....	3	3	6.00
Apr. 11	Gillespie.....	2	2	4.00
12	West Frankfort.....	8	8	16.00
13	Herrin.....	9	9	18.00
14	Belleville.....	3	3	6.00
17	Peoria.....	11	11	22.00
18	Canton.....	8	8	16.00
19	Galesburg.....	7	7	14.00
20	LaSalle.....	4	4	8.00
24	Springfield.....	7	7	14.00
25	Taylorville.....	1	1	2.00
26	Decatur.....	3	3	6.00
27	Danville.....	6	6	12.00
May 8	Peoria.....	1	1	2.00
9	Canton.....	4	4	8.00
10	Kewanee.....	1	1	2.00
11	LaSalle.....	2	2	4.00
16	Staunton.....	6	6	12.00
17	Roodhouse.....	2	2	4.00
18	Collinsville.....	1	1	2.00
19	Belleville.....	3	3	6.00
22	Springfield.....	3	3	6.00
23	Taylorville.....	1	1	2.00
24	Shelbyville.....	1	1	2.00
25	Decatur.....	2	2	4.00
June 5	Peoria.....	1	1	2.00
6	Galesburg.....	1	1	2.00
7	Rock Island.....	1	1	2.00
8	LaSalle.....	3	3	6.00
12	Gillespie.....	1	1	2.00
13	Sesser.....	3	3	6.00
14	West Frankfort.....	2	2	4.00
15	Harrisburg.....	5	5	10.00
16	Sparta.....	11	11	22.00
19	Springfield.....	3	3	6.00
20	Pana.....	2	2	4.00
21	Danville.....	4	4	8.00

DATE AND PLACE OF MEETING, NUMBER OF APPLICANTS, NUMBER OF CERTIFICATES
ISSUED AND AMOUNT OF FEES COLLECTED—Concluded.

Date.	Place of meeting.	Number of successful applicants.	Number of certificates issued.	Fees collected.
July	9 Staunton.....	4	4	8.00
	10 West Frankfort.....	4	4	8.00
	11 Harrisburg.....	3	3	6.00
	12 Herrin.....	6	6	12.00
	13 DuQuoin.....	9	9	18.00
	14 Belleville.....	6	6	12.00
	16 Taylorville.....	4	4	8.00
	17 Springfield.....	2	2	4.00
	18 Peoria.....	1	1	2.00
	19 Canton.....	7	7	14.00
	20 Galesburg.....	4	4	8.00
Aug.	21 LaSalle.....	4	4	8.00
	6 Gillespie.....	9	9	18.00
	7 West Frankfort.....	8	8	16.00
	8 Harrisburg.....	12	12	24.00
	9 Herrin.....	5	5	10.00
	10 Centralia.....	3	3	6.00
	11 Belleville.....	6	6	12.00
	13 Canton.....	7	7	14.00
	14 Peoria.....	10	10	20.00
	15 Springfield.....	9	9	18.00
	16 Taylorville.....	6	6	12.00
Sept.	17 Danville.....	6	6	12.00
	18 Decatur.....	4	4	8.00
	3 Peoria.....	8	8	16.00
	6 Kewanee.....	23	23	46.00
	7 LaSalle.....	7	7	14.00
	11 Staunton.....	6	6	12.00
	12 West Frankfort.....	7	7	14.00
	13 Herrin.....	8	8	16.00
	14 DuQuoin.....	2	2	4.00
	15 Collinsville.....	8	8	16.00
	18 Roodhouse.....	14	14	28.00
Oct.	19 Macomb.....	49	49	98.00
	20 Rushville.....	60	60	120.00
	21 Springfield.....	17	17	34.00
	2 Peoria.....	14	14	28.00
	3 Canton.....	12	12	24.00
	4 Rock Island.....	33	33	66.00
	5 LaSalle.....	16	16	32.00
	9 Springfield.....	9	9	18.00
	10 Taylorville.....	10	10	20.00
	11 Shelbyville.....	6	6	12.00
	12 Danville.....	25	25	50.00
Nov.	16 Gillespie.....	2	2	4.00
	17 West Frankfort.....	38	38	76.00
	18 Harrisburg.....	18	18	36.00
	19 Belleville.....	11	11	22.00
	7 Staunton.....	7	7	14.00
	8 West Frankfort.....	23	23	46.00
	9 Belleville.....	7	7	14.00
	13 Peoria.....	11	11	22.00
	14 Galesburg.....	21	21	42.00
	15 Kewanee.....	12	12	24.00
	16 LaSalle.....	12	12	24.00
Dec.	20 Taylorville.....	8	8	16.00
	21 Pana.....	4	4	8.00
	22 Decatur.....	19	19	38.00
	23 Danville.....	27	27	54.00
	27 Springfield.....	24	24	48.00
	4 Peoria.....	12	12	24.00
	5 Canton.....	3	3	6.00
	6 Rock Island.....	8	8	16.00
	7 LaSalle.....	5	5	10.00
	11 Gillespie.....	1	1	2.00
	12 West Frankfort.....	20	20	40.00
	13 Herrin.....	11	11	22.00
	14 Sparta.....	20	20	40.00
	18 Springfield.....	15	15	30.00
	19 Taylorville.....	9	9	18.00
	20 Paris.....	7	7	14.00
	21 Danville.....	5	5	10.00
	Total.....	1,343	1,343	\$2,686.00

SUMMARY.

Place of meeting.	Number of—			Amount of fees collected.
	Meetings held.	Successful applicants.	Certificates issued.	
Belleville.....	7	43	43	\$ 86.00
Canton.....	8	51	51	102.00
Centralia.....	2	7	7	14.00
Collinsville.....	3	16	16	32.00
Danville.....	9	100	100	200.00
Decatur.....	5	37	37	74.00
DuQuoin.....	3	21	21	42.00
Galesburg.....	6	42	42	84.00
Gillespie.....	6	18	18	36.00
Harrisburg.....	6	67	67	134.00
Herrin.....	6	68	68	136.00
Kewanee.....	4	59	59	118.00
LaSalle.....	11	68	68	136.00
Macomb.....	1	49	49	98.00
Pana.....	2	6	6	12.00
Paris.....	1	7	7	14.00
Peoria.....	12	99	99	198.00
Rock Island.....	4	58	58	116.00
Roodhouse.....	2	16	16	32.00
Rushville.....	1	60	60	120.00
Sesser.....	1	3	3	6.00
Shelbyville.....	3	30	30	60.00
Sparta.....	3	47	47	94.00
Springfield.....	12	134	134	268.00
Staunton.....	6	26	26	52.00
Taylorville.....	9	55	55	110.00
West Frankfort.....	11	156	156	312.00
Total.....	144	1,343	1,343	\$2,686.00

DIVISION OF MINE RESCUE STATIONS.

FIRST AID AND MINE RESCUE TRAINING.

Below is a tabulation of the candidates trained in first aid and mine rescue at Illinois Mine Rescue Stations:

	First aid.	Mine rescue.	Station totals.
Belleville.....	560	18	578
Benton.....	1,064	19	1,083
DuQuoin.....	1,254	13	1,267
Eldorado.....	563	23	586
Herrin.....	977	10	987
Johnston City.....	526	3	529
LaSalle.....	143	21	164
Springfield.....	843	280	1,123
Grand total.....	5,930	387	6,317

ONE HUNDRED PERCENT FIRST AID TRAINING.

During 1934 One Hundred Percent First Aid Training campaigns were conducted among the employees of several of the largest coal operators of the State, as well as among other organizations in no way connected with the coal industry. Some of these One Hundred Percent training campaigns, either concluded or begun during the year 1934, were the following:

Peabody Coal Co., No. 14, Duquoin.
 Peabody Coal Co., "Gale" Strip, Duquoin.
 Bell & Zoller Coal Co., No. 5, Centralia.
 Peabody Coal Co., No. 47, Harco.
 Chicago, Wilmington & Franklin Coal Co., No. 2, West Frankfort.
 Peabody Coal Co., No. 19, West Frankfort.
 Peabody Coal Co., No. 18, West Frankfort.
 Indian Refining Co., Lawrenceville.
 Western Cartridge Co., Alton.
 Eagle-Picher Lead Co., Hillsboro.
 American Radiator Co., Litchfield.
 All Boy Scout Masters and Assistants, Springfield.
 Members Boy Scout Troop No. 40, Springfield.
 Members Boy Scout Troop No. 43, Springfield.
 Midland Electric Coal Co., Atkinson.
 Union Coal Co., Peru.
 Carus Chemical Co., La Salle.
 Boy Scout Troop, La Salle.
 Ladies' Club, La Salle.

Life Saving Crew and City Firemen, Oglesby.

Bell and Zoller Coal Co., No. 1, Zeigler.

Bell and Zoller Coal Co., No. 2, Zeigler.

Union Colliery Co., "Kathleen" Mine, Dowell.

Chicago, Wilmington and Franklin Coal Co., No. 1, Orient.

Many of the above campaigns have been carried on with the assistance of the Federal Bureau of Mines representatives, from the Vincennes Station, and the Department takes this opportunity to publicly express its appreciation to Mr. Charles A. Herbert and his assistants for their cooperation.

BELLEVILLE STATION.

July 18th—Superintendent and Mine Rescue Team Members called to Beckemeyer Coal Company Mine to remove a large body of gas and restore ventilation.

October 28th—Mine Rescue Station Superintendent, Arthur Bradbury; State Mine Inspector, David T. Stuart and members of the Mine Rescue Team of the Belleville Station, assisted in rescuing Robert George ("Bobby") Stephenson, twenty month old son of Mr. and Mrs. George Stephenson, 308 West A Street, Belleville, after the child had been imprisoned for six hours in a "dry well" at the Idle Wild Club-house, three miles south of New Memphis along the Kaskaskia River. It was necessary to dig parallel with the well for a distance of twenty feet beneath the surface of the ground and then tunnel to reach the child. The mining experience of Messrs. Bradbury and Stuart and the members of the Belleville Mine Rescue Team unquestionably contributed greatly to the child's release with only a few scratches to remind him of his experience. The Mascoutah Fire Department and a number of volunteer workers assisted in the work.

December 5th—Superintendent and Team Members assisted in search for body of man believed drowned in Kaskaskia River at New Athens, Illinois.

BENTON STATION.

March 7th—Superintendent and Team Members answered a call to Chicago, Wilmington & Franklin Coal Company Mine No. 2 at West Frankfort, Illinois to assist in extinguishing a fire in the workings of the mine.

May 18th—Superintendent Ray Williams received a call about 4:00 P. M. from Buckner for an inhalator and with Marion Pomeroy, one of the Mine Rescue Station Team Members, administered oxygen and artificial respiration in an unsuccessful attempt to revive John Charney, Jr., age 18, of Buckner, who had come in contact with a high voltage electric line in a field south of Old Ben Mine No. 14.

June 10th—Superintendent Williams and William Crawford, a Team Member, administered oxygen and artificial respiration to Leonard McCorn, age 14 years, of Sesser, who was drowned about 6:00 P. M. that day in about seven feet of water in the North Mine pond at Sesser.

It is believed McCorn struck his head on an iron pipe while diving. A companion of McCorn's ran half a mile to town for help and statements varied as to the time the unfortunate boy remained under water. He is thought to have been submerged for about an hour. A doctor who preceded Messrs. Williams and Crawford to the scene of the accident stated there was no sign of life at any time after he arrived. Artificial respiration and oxygen were administered for two hours.

November 10th—Superintendent Williams answered a call with an inhalator and attempted to revive James Neal, age 54 yrs., who it was reported dropped dead while repairing a basement. Oxygen and artificial respiration were administered until Neal was pronounced beyond help by a physician.

DUQUOIN STATION.

June 6th—Superintendent Joseph Morris answered a call with inhalator from the Station and administered oxygen and artificial respiration in an effort to revive one Neil Walker, supposed to have been drowned in Cherry Lake.

July 25th—Superintendent Morris answered a call with Station inhalator and succeeded in reviving with oxygen and artificial respiration one Ebben Collins who had been overcome with black damp in the shaft of a mine on his homesite, north of the Campbell mine.

ELDORADO STATION.

March 26th—Superintendent answered call and proceeded with inhalator to Shawneetown in an effort to save the life of a man seriously ill with pneumonia in a Civilian Conservation Corp Camp at that point. Oxygen was administered periodically throughout the night but the patient succumbed.

August 19th—At 9:15 A.M. Station Superintendent Taggart answered a call and with the inhalator from the Station proceeded to Shawneetown and assisted in reviving Dorothy Aluzas, 19, of Harrisburg, who narrowly escaped drowning in Big Lake and who when recovered did not respond satisfactorily to artificial respiration. Upon Mr. Taggart's arrival, with about fifteen minutes of artificial respiration and the administration of oxygen with the inhalator, the young lady was revived.

November 6th—Superintendent Taggart answered a call and proceeded to Raleigh, Illinois with the Station inhalator where he assisted two physicians in an effort to keep alive a new-born baby. For several hours the combined efforts of Mr. Taggart and the physicians kept the child breathing, but it finally failed to respond to all their ministrations. The physicians expressed the belief that the child's pulmonary organism was defective.

HERRIN STATION.

May 27th—At 11:50 A.M. Superintendent Thomas Rogers received a call for the inhalator and immediately proceeded to Bush where

an effort was being made to revive a woman who had apparently jumped in a well to commit suicide. Prior to the arrival of Mr. Rogers, artificial respiration had been administered for about forty minutes without success. Carbogen was then administered with artificial respiration for two hours and thirty minutes. The unfortunate woman had been in the well or cistern for about thirty five minutes before being rescued.

September 18th—Superintendent Chitty answered a call at 1:00 P. M. and with all the members of his Mine Rescue Team proceeded to the mine of Templeton and Jefferies, a slope located one and one fourth miles east of Carterville, where four men were sealed in the workings of the mine as a result of a fall occurring in the main slope and completely blocking it. Upon arriving at the mine Superintendent Chitty found that the men had made their way out of the mine and to the surface through the escape-way of a nearby mine.

December 31st—At 3:00 A. M. on this date Superintendent Chitty received a call from a physician in Herrin and proceeded with inhalator about three miles south of Herrin and attempted to keep a new-born child alive. The child failed to respond to all treatment administered.

JOHNSTON CITY STATION.

No calls received.

LA SALLE STATION.

January 9th—Superintendent Skelton and all members of Mine Rescue Team answered a call to a small drift mine at the head of La-Salle canyon, Starved Rock State Park in answer to a call received at the Station at 11:40 A. M. to recover the body of Anton Udot, miner, who had been entombed and apparently instantly killed as a result of the fall of a large piece of soapstone from a slip in the mine roof. About two hours' work were required to release the body.

November 9th—Superintendent McGonigal answered a call for the inhalator and assisted in reviving Mary Lou, seventeen-months-old daughter of Mr. and Mrs. Fred Stegan, east of La Salle, following the child's plunge into a large vessel of soapy water. Artificial respiration and treatment for shock and fright revived the child.

SPRINGFIELD STATION.

No calls reported.

REPORT OF THE DIVISION OF ECONOMIC INVESTIGATION.

BENN PITTS, INVESTIGATOR,

Odin, Illinois.

The following tables will show the activities of the various industries under this division:

TABLE 1—LIMESTONE.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alpha Portland Cement Co.	LaSalle.	LaSalle.	167,179	217	155		34,350		
2	Anna Quarries.	Anna.	Union.	65,785	32	81		21,300		5
3	Bean & Masters.	Shelberville.	Hardin.	4,088	30	30		950		
4	Big Creek Crushed Rock Co.	Marshall.	Clark.	6,680	12	45		2,600		2
5	Black White Lime Co.	Quincy.	Adams.	10,950	18	220		8,725		3
6	C. H. Borlin.	Carrollton.	Greene.	*2,283						
7	Oliver Buland.	Pontiac.	Livingston.	1,600	16	40		500		
8	Byron Sand & Stone Co.	Byron.	Ogle.	1,248	2	100		200		
9	Casey Lime & Stone Co.	Casey.	Clark.	11,760	25	75		4,500		
10	Casey Stolle Quarry & Contracting Co.	Stolle.	St. Clair.	50,965	399	83		5,400		5
11	Charles Stone Co.	Cypress.	Johnson.	67,500	40	143		12,000		
12	City of Chicago House of Correction.	Chicago.	Cook.	5,188	120	187				
13	City of Fulton.	Fulton.	Whiteside.	4,286	40	175		2,700		
14	Columbia Quarry Co.	Columbia.	St. Clair.	339,609	84	264		91,450		
15	Columbia Quarry Co.	Valmeyer.	Monroe.	39,660	34	200		11,900		1
16	Consumers Co.	Bellwood.	Cook.	42,780	60	30		18,100		
17	Consumers Co.	Hillside.	Cook.	42,280	55	29		500		2
18	Consumers Co.	McCook.	Cook.	708,636	115	183	151,608	134,450		
19	C. S. Dasher.	Renault.	Monroe.	*410						
20	Dolsee & Shepard.	LaGrange.	Cook.	45,153	63	15	113,665	600		6
21	Durham Township Rock Quarry.	LaHarpe.	Hancock.	5,000	23	100		1,050	1	
22	East St. Louis Stone Co.	Dupo.	St. Clair.	101,000	27	125		34,000		
23	Eldred Crushed Stone Co.	Eldred.	Greene.	5,675	2	100		1,200		1
24	Elmhurst-Chicago Stone Co.	Elmhurst.	DuPage.	132,160	32	125		48,950		4
25	Embser & Pickett.	Salem.	Marion.	1,700	15	42				
26	Engelbner Bros.	Freeport.	Stephenson.	*900						
27	William Fink.	Ashley.	Washington.	*30						
28	Henry Gray.	Hamilton.	Hancock.	4,500	8	150		1,500		
29	John Grayling Quarries.	Carlyle.	Clinton.	*300	6	42		200		
30	Paul C. Herter.	Golden Eagle.	Calhoun.	*5,200						
31	Charles Hummiston.	Jerseyville.	Jersey.	*153						
32	W. C. Hyle.	Red Bud.	Monroe.	3,081	10	94		300		

33	Illinois State Penitentiary	Joliet	Will	54,101	145	197	14,000	52
34	Keller Quarry Co.	Grifton	Jersey	50,000	60	255	10,000	4
35	Moritz Krueger	Barksville	Monroe	500	6	21	50	
36	Tony Kwiatkowski	Dubuque	Washington	180	5	40	50	
37	J. M. Lathers	Deloit, Wis.	Ogle	*5,178				
38	Leligh Portland Cement Co.	Ogleby	Lar-Salle	148,022	258	123	45,050	
39	Leligh Stone Co.	Kankakee	Kankakee	288,459	37	134	72,115	14
40	Henry Loomis & Son	Jamestown	Madison	*250				
41	Lincoln Crushed Stone Co.	Joliet	Will	108,000	20	84	35,000	1
42	Marquette Cement Mfg. Co.	Ogleby	Lar-Salle	705,831	604	277	280,000	
43	A. S. McDonald	Trivoli	Peoria	*100				
44	McDonough County Highway	Macomb	McDonough	10,000	150	200	120	1
45	Mississippi Lime & Material Co.	Alton	Madison	280,000	30	250	45,000	18
46	Morris Limestone Products Co.	Morris	Kendall	10,000	6	90	3,000	
47	National Stone Co.	Joliet	Will	118,021	28	97	50,400	4
48	John D. Newcomer	Adeline	Ogle	*910				
49	New Minden Limestone Co.	New Minden	Washington	*742				
50	Ogle County Highway Dept.	Oregon	Ogle	*5,550				
51	Pontiac Stone Co.	Pontiac	Livingston	*40,358				
52	Pontiac Township	Pontiac	Livingston	2,000	24	40	500	
53	Quincy Crane Service Co.	Quincy	Adams	1,000	6	21		
54	E. F. Reber	Byron	Ogle	300		75		
55	Refraux Whiting Co., Inc.	Alton	Madison	4,098	12	144	1,500	3
56	Riverside Lime & Stone Co.	Lyons	Cook	154,521	33	241	47,750	18
57	Rockford Township Highway Dept.	Rockford	Winnebago	9,000	10	50	3,000	
58	St. Clair County Work House	Belleville	St. Clair	2,250	25	200	400	
59	Joseph Schafer	Paderborn	Monroe	*900				
60	Smith Limestone Quarry	Cobden	Union	150	4	118	70	
61	Southern Illinois Limestone Co.	Shelberville	Hardin	19,694	34	112	60	
62	State of Illinois	Monard	Randolph	60,588	550	208	12,000	6
63	Staunton Tie & Lumber Co.	Fieldon	Jersey	2,400	10	30	100	
64	Staunton Tie & Lumber Co.	Fieldon	Jersey	800	6	25	300	
65	Stearns Lime & Stone Co.	Chicago	Cook	*34,347				
66	Al Storz	Barksville	Monroe	3,800	9	125	300	
67	Joseph Tobbe	St. Rose	Clinton	*1,371				
68	United States Gypsum Co.	Cordova	Rock Island	30,796	15	275	250	
69	Wheatel & Arnstutz	Beecker	St. Clair	1,476	6	50	250	
70	Waterloo Quarry Co.	Waterloo	Monroe	8,500	10	180	1,350	
71	Edw. Weber	Beecker	St. Clair	800	6	45	200	
72	Western Quarries Co.	Lemont	Cook	97,877	84	148	4,000	3
73	John T. Wilson	Macomb	Hamock	*6,000				
74	N. D. Wintersteen	Barksville	Jackson	2,029	3	165	125	
75	Otto L. Wolf	Waterloo	Monroe	8,405	10	160	1,550	
Total				4,158,483	3,711	4122	1,005,685	153

* Tonnage figures submitted to Federal Bureau of Mines.

† 65,273 pounds of liquid oxygen.

‡ Average of all plants reporting number of days worked.

TABLE 2—OIL AND GAS.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitroglycerine—quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—1,000 cubic feet.			
1	Adams Comers Oil Co.	Allendale, Ill.	Wabash.	20	14,567	50	3	—	—
2	American Oil Development Co.	1601 Oliver Bldg., Pittsburg, Pa.	Crawford.	99	16,585	—	8	—	—
3	Arkansas Fuel Oil Co.	Ardis Bldg., Shreveport, La.	Crawford.	87	13,244	8,643	2	—	—
4	H. D. Tasker, et al.	Robinson, Ill.	Crawford.	20	2,500	2,000	4	—	—
5	Ball Bros., et al.	Robinson, Ill.	Crawford.	55	10,275	—	3	—	—
6	Ball Bros., et al.	Robinson, Ill.	Cumberland.	39	3,666	—	1	—	—
7	Ball Bros., et al.	Robinson, Ill.	Wabash.	1	1,271	—	1	—	—
8	Bond County Gas Co.	Greenville, Ill.	Bond.	7	—	—	2	—	—
9	Bradford Oil Co.	Robinson, Ill.	Crawford.	12	3,444	13,446	1	—	—
10	Breen Oil Co.	Mt. Carmel, Ill.	Wabash.	6	4,060	—	2	—	—
11	Brenneman & MacDonell.	312 S. Cole St., Lima, Ohio.	Crawford.	98	16,608	—	10	—	—
12	Coon Creek Oil Co.	Allendale, Ill.	Wabash.	4	2,540	—	1	—	—
13	Craig & Lowrie.	808 Columbia Bldg., Pittsburg, Pa.	Crawford.	87	17,335	—	8	—	—
14	Craig & Lowrie.	808 Columbia Bldg., Pittsburg, Pa.	Lawrence.	9	2,424	—	1	—	—
15	Craig & Lowrie.	808 Columbia Bldg., Pittsburg, Pa.	Wabash.	3	423	—	1	—	—
16	D. C. Davis.	Marion, Ohio.	Clark.	63	6,205	—	3	—	—
17	Dinsmoor Oil Co.	St. Marys, W. Va.	Clark.	73	10,594	—	3	—	—
18	Dinsmoor Oil Co.	St. Marys, W. Va.	Crawford.	135	46,852	—	11	—	—
19	Dinsmoor Oil Co.	St. Marys, W. Va.	Cumberland.	23	708	—	1	—	—
20	Dinsmoor Oil Co.	St. Marys, W. Va.	Lawrence.	9	1,244	—	1	—	—
21	M. L. Dorsey.	Robinson, Ill.	Crawford.	11	900	—	1	—	—
22	Henry Garvey, Jr.	St. Francisville, Ill.	Lawrence.	2	1,065	—	4	—	—
23	Gee Oil Co. (dining lease).	312 Wright Bldg., Tulsa, Okla.	Lawrence.	11	1,607	—	4	—	—
24	Gee Oil Co.	312 Wright Bldg., Tulsa, Okla.	Lawrence.	16	4,079	—	8	—	—
25	Hamilton Production Co.	Lawrenceville, Ill.	Lawrence.	58	34,261	—	2	—	—
26	Hope Oil Co.	Allendale, Ill.	Wabash.	6	4,716	—	1	—	—
27	Kewanee Oil & Gas Co.	Box 499, Titusville, Pa.	Clark.	44	6,416	—	2	—	—
28	Kewanee Oil & Gas Co.	Box 499, Titusville, Pa.	Crawford.	922	48,886	—	91	—	—
29	Kewanee Oil & Gas Co.	Box 499, Titusville, Pa.	Lawrence.	30	12,808	—	4	—	—
30	H. C. Kraft & Co.	Oblong, Ill.	Crawford.	5	621	—	1	—	—
31	Leighty Oil Co.	312 Wright Bldg., Tulsa, Okla.	Cumberland.	10	4,075	—	3	—	—
32	Liberty Oil & Gas Co.	243 Penn Ave., W. Warren, Pa.	Lawrence.	32	5,955	—	2	—	—
33	Henry C. Lord.	Box 291, Robinson, Ill.	Crawford.	10	561	2,500	1	—	—
34	M. M. & T. T. Co.	619 E. 2nd St., Centalla, Ill.	Marion.	16	5,028	—	2	—	—
35	Mary L. Mason, et al.	150 Lake St., Elmira, N. Y.	Lawrence.	17	12,015	—	2	—	—

36	Max Oil Co.	Albendale, Ill.	Wabash.	5	3,745	1	1
37	Mayhugh & Others.	Albendale, Ill.	Wabash.	11	10,014	1	20
38	W. C. McBride, Inc.	2101 Missouri Pacific Bldg., St. Louis, Mo.	Clark.	48	6,582		
39	W. C. McBride, Inc.	2101 Missouri Pacific Bldg., St. Louis, Mo.	Crawford.	50	17,133		1
40	W. C. McBride, Inc.	2101 Missouri Pacific Bldg., St. Louis, Mo.	Lawrence.	135	105,283		3
41	W. C. McBride, Inc.	2101 Missouri Pacific Bldg., St. Louis, Mo.	Wabash.	11	4,924		
42	Mc Carmel Oil Co.	324 Market St., Mt. Carmel, Ill.	Wabash.	4	10		1
43	New York Petroleum Co.	Box 565, Parkersburg, W. Va.	Crawford.	9	2,171		1
44	Nolan & Lambertson.	212 S. Olympia, Tulsa, Okla.	Crawford.	9	6,319		1
45	Northern Oil Co.	5th Floor Hanna Bldg., Cleveland, Ohio	Clark.	16	2,513		1
46	Northern Oil Co.	5th Floor Hanna Bldg., Cleveland, Ohio	Clark.	103	8,084		2
47	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Crawford.	650	147,431		
48	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Clinton.	109	25,376	7,499	1
49	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Crawford.	3,797	794,393	396,924	5
50	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Cumberbund.	541	95,726	160,821	
51	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Hancock.	5	3,621		775
52	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Lawrence.	2,577	1,357,248	439,163	4
53	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Marion.	28	16,103		
54	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	McDonough.	275	85,322		
55	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	St. Clair.	45	42,142		80
56	Ohio Oil Co.	539 S. Main St., Findlay, Ohio.	Wabash.	7	3,166		
57	James Pease & Co.	111 W. Monroe St., Chicago, Ill.	Crawford.	22	5,857		5
58	Pemberton Oil & Gas Co.	129 E. Main St., Olney, Ill.	Lawrence.	18	12,447		2
59	Petro Oil & Gas Co.	Security Bldg., St. Louis, Mo.	Marion.	27	10,224		1
60	Pittsburg Oil & Gas Co.	1005 Farmers Bank Bldg., Pittsburg, Pa.	Clark.	18	5,063		25
61	Pure Oil Co.	35 E. Wacker Drive., Chicago, Ill.	Crawford.	602	109,894		3
62	Selby-Cisler Producing Co.	Box 1499, Tulsa, Okla.	Crawford.	55	17,752		8
63	Snowden & McSweeney Co.	598 Madison Ave., New York, N. Y.	Lawrence.	227	109,502	61,139	39
64	Snowden & McSweeney Co.	598 Madison Ave., New York, N. Y.	Wabash.	6	8,900		1
65	Southwestern Oil & Gas Co.	Sandoval, Ill.	Marion.	20	13,520		7
66	Steele & Steele.	Robinson, Ill.	Crawford.	4	567		
67	Al. Stohr.	209 E. Main St., Casey, Ill.	Clark.	16	1,290	45	1
68	Sugar Leaf Oil Co.	Dupo, Ill.	St. Clair.	5	3,330		1
69	Tide Water Oil Co.	Box 731, Tulsa, Okla.	Clark.	84	25,812		5
70	Tide Water Oil Co.	Box 731, Tulsa, Okla.	Crawford.	764	225,265		58
71	Tide Water Oil Co.	Box 731, Tulsa, Okla.	Lawrence.	83	36,805		5
72	Trenton Rock Oil & Gas Co.	R. F. D. No. 3, Casey, Ill.	Clark.	39	9,962	3,500	3
73	Turner Oil Co.	Casey, Ill.	Clark.	20	1,566		1
74	W. C. Turner.	Casey, Ill.	Clark.	3	732		1
75	Warner-Caldwell Oil Co.	Second National Bank Bldg., Titusville, Pa.	Crawford.		9,000		2
76	Webster Drilling Co.	R. F. D. No. 5, Centerville, Ill.	Marion.	48	4,111		2
77	J. W. Whiteside & Co.	Albendale, Ill.	Wabash.	22	5,600		1
78	P. L. & W. C. Williams	Colmar, Ill.	McDonough.	2	5,840		3
79	B. F. Wireback.	Vincennes, Ind.	McDonough.	24	5,272		1
				9	3,650		

TABLE 2—Concluded.

No.	Name of operator.	Post office address of the operator.	County in which the well is located.	Number of wells.	Production.		Number employed.	Explosives—nitrolycerine—quarts.	Accidents—non-fatal.
					Oil—barrels.	Gas—1,000 cubic feet.			
80	Wiser Oil Co.	Box 192, Sistersville, W. Va.	Crawford.	13	2,718	—	1	—	—
81	Wiser Oil Co.	Box 192, Sistersville, W. Va.	Lawrence.	21	4,937	—	1	—	—
82	(J. S. Young, Attorney— Attendale Oil Co.)	—	—	—	—	—	—	—	—
83	Cisel 40 Acres.	Gee Bldg., Lawrenceville, Ill.	Wabash.	29	20,545	—	4	—	—
84	Collison & Stillwell.	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	1,495	—	1	—	—
85	Courter Lease.	Gee Bldg., Lawrenceville, Ill.	Wabash.	4	4,596	—	1	—	—
86	Higgins Lease.	Gee Bldg., Lawrenceville, Ill.	Wabash.	3	2,786	—	1	—	—
87	Clark & Armstrong, Per.	Gee Bldg., Lawrenceville, Ill.	Wabash.	1	2,295	—	—	—	—
88	Clara Adams, Per.	Gee Bldg., Lawrenceville, Ill.	Wabash.	2	2,915	—	—	—	—
89	Keyser Lease.	Gee Bldg., Lawrenceville, Ill.	Wabash.	1	471	—	—	—	—
	Total.	—	—	11,980	3,719,306	1,104,790	1,140	205	28

TABLE 3—SAND AND GRAVEL.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Pastoffice.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Abbot Bros.	Sheridan.	LaSalle.	*4,570						
2	Allendale Gravel Co.	Parton.	Wabash.	13,400	4	120				
3	Anderson Sand & Gravel Co., Inc.	Rockford.	Winnebago.	30,000	7	180				
4	Anderson-Theobald Co.	Vincennes, Ind.	Lawrence.	43,500	9	150				
5	Aurora Gravel Co.	Aurora.	Kane.	2,175	1					
6	Aurora-Davis Sand Co.	South Beloit.	Winnebago.	51,000	17	42				1
7	Beder Wood's Sons.	Rock Island.	Rock Island.	3,900	10	30				
8	Bloomingtondale Township.	Hampton.	DuPage.	3,100	5	110				
9	Chalm Bros.	LaSalle.	LaSalle.	583						
10	Churchill Gravel Co.	Fairbury.	Livinston.	25,000	6	110				
11	Clear Lake Sand & Gravel Co.	Springfield.	Sangamon.	22,630	6	95				
12	H. D. Conkey & Co.	North Aurora.	Kane.	85,605	15	58				3
13	H. D. Conkey & Co.	Oregon.	Ogle.	31,721	11	79				1
14	Consumers Co.	Crystal Lake.	McHenry.	42,158	35	141				
15	Consumers Co.	Libertyville.	Lake.	55,150	12	72				
16	Consumers Co.	South Beloit.	Winnebago.	384,507	25	107				
17	S. S. Davis.	Rock Island.	Rock Island.	*1,501	3	30				
18	Decatur Hydraulic Sand & Gravel Co.	Decatur.	Macon.	*14,890						
19	Dipper Bros.	E. Lane.	Macon.	3,252	2	150				
20	East Peoria Sand & Gravel Co.	Fazewell.	E. Lane.	360,416	7	310				3
21	Eastwood Sand & Gravel Works.	Grayville.	White.	14,507	9	319				2
22	E. C. Gaines Sand & Gravel Co.	Elizabethtown.	Hardin.	500	1	60				
23	Galesburg Sand & Gravel Co.	Buda.	Bureau.	4,377	3	70				
24	Chas. E. Gertz & Sons.	Elgin.	Cook.	*16,992						
25	Edward B. Glass.	Bedvidere.	Boone.	*265						
26	H. H. Halliday Sand Co.	Chico.	Alexander.	34,749	12					4
27	H. P. B. Sand & Gravel Co.	Rockford.	Winnebago.	14,200	4	180				
28	Illinois Sand & Gravel Co.	Oswego.	Kendall.	270,000	26	116				5
29	Illinois State Farm.	Vandalia.	Fayette.	150	25	80				
30	John B. Johnson.	Carthage.	Lancaster.	*250						
31	H. O. Johnson.	Buda.	Bureau.	*1,200						
32	Warren W. Keahn.	Dundee.	Kane.	1,100	1	20				
33	J. P. Larson.	Wyanet.	Bureau.	6,000	9	130				
34	Lincoln Sand & Gravel Co.	Lincoln.	Louisa.	145,687	30	140				4
35	Lowe Bros.	Carly.	McHenry.	7,416						

TABLE 3—Concluded.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Postoffice.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
36	Chas. D. Lutz.	Mulberry Grove.	Bond.	*3,800						
37	Manley Sand Co.	Rockton.	Winnebago.	*2,000	8					1
38	McCrath Sand & Gravel Co.	Forreston.	Ogle.	100,000	20	183				10
39	McCrath Sand & Gravel Co.	Chillicothe.	Peoria.	295,000	39	270				3
40	McCrath Sand & Gravel Co.	Mackinaw.	Tazewell.	15,000	15	59		500		5
41	McCrath Sand & Gravel Co.	Pekin.	Tazewell.	180,000	3	265				
42	McKinney Bros.	Vandalia.	Fayette.	550	3	30				
43	W. F. McLain.	Greenville.	Bond.	2,000	3	40				
44	Metropolis Sand & Gravel Co.	Metropolis.	Massac.	*28,521	2	300				
45	Milan Sand & Gravel Co.	Milan.	Rock Island.	9,756	8	225				2
46	Mississippi Lime & Material Co.	Alton.	Madison.	110,000	8					
47	Morton Sand & Gravel Co.	Munier.	DuPage.	*57,352						
48	Julius Mosbach.	LaSalle.	LaSalle.	*380	12	155				1
49	Mt. Carmel Sand & Gravel Co.	Mt. Carmel.	Wabash.	53,500						
50	John F. Nelson.	Morris.	Grundy.	*2,183	2	90				
51	Gus Nichol Sand Co., Inc.	Greenville.	Bond.	3,000	1	80			6	
52	J. C. Nicholson.	Lowell.	LaSalle.	1,331	12	72				
53	North Shore Materials Co.	Libertyville.	Lake.	55,088	24	42				
54	Novaculite Paving Co.	Tamms.	Alexander.	10,042	3	193	175			
55	Henry Olson.	Rosecrans.	Lake.	24,064	10	100		200		
56	Oxford Township.	Alpha.	Henry.	4,000	20	80				2
57	Ozark Minerals Co.	Elco.	McHenry.	7,930	20	145		8,700		
58	Frank Piska.	Woodstock.	Adams.	3,833						
59	J. A. Platt.	Quincy.	Henderson.	*163	7	130				1
60	Purity Moulding Sand Co.	Dallas City.	Lee.	8,576	3	200				
61	Quincy Sand Co.	Dixon.	Adams.	6,943	6	175				
62	Risley Gravel Co.	Rock Island.	Winnebago.	*10,057	6	30				1
63	Rock Island Sand & Gravel Co.	Rockton.	Bureau.	40,000	8	155				
64	Rockton Moulding Sand Co.	Wyanett.	LaSalle.	1,700	3	200		2,000		
65	P. F. Rutherford.	South Ottawa.	LaSalle.	*750	12	257				
66	Spicer Gravel Co.	Marseilles.	Tazewell.	28,000	2	250				1
67	Springfield-Pekin Sand & Gravel Co.	Pekin.	Madison.	7,421	4	120				
68	Stocker Gravel & Construction Co.	Highland.	McHenry.	104,910	2			1,000		
69	John W. Suchy.	Barrington.	DeKalb.	14,035	4					
70	John W. Suchy.	Barrington.	DeKalb.	13,237						
71	Sycamore Sand & Gravel Co.	Sycamore.	DeKalb.	*5,700						

72	Terry & Lewis Sand & Gravel Co.	Gladstone.....	Henderson.....	13,750	4	65	-----	-----	-----	-----
73	Wabash Sand & Gravel Co.	Maunie.....	White.....	300	10	81	-----	-----	-----	-----
74	Warren Sand Co.	Mulberry Grove.....	Bond.....	400	2	12	-----	-----	-----	-----
75	Western Sand & Gravel Co.	Spring Valley.....	Bureau.....	68,134	11	130	-----	-----	-----	-----
76	Western Sand & Gravel Co.	Moronts.....	Putnam.....	7,286	7	40	-----	-----	-----	-----
77	Wisconsin Lime & Cement Co.	Crystal Lake.....	McHenry.....	450,000	35	149	-----	-----	-----	-----
78	Yourtee-Roberts Sand Co.	Chester.....	Randolph.....	100,000	6	186	-----	-----	-----	-----
Total.....				3,947,557	570	128	-----	175	12,556	-----
							-----	-----	-----	50

* Tonnage figures submitted to Federal Bureau of Mines.

TABLE 4—SHALE AND CLAY.

No.	Name of operator.	Location of plant.		Production in tons.	Number employed.	Days worked.	Explosives used.		Accidents.	
		Post office.	County.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Albion Brick Co., No. 1.....	Albion.....	Edwards.....	12,000.....	54.....	121.....		4,000.....		2.....
2	Albion Brick Co., No. 2.....	Albion.....	Edwards.....	6,300.....	62.....	73.....		1,200.....		1.....
3	Alton Brick Co.....	Alton.....	Madison.....	12,455.....	64.....	101.....		2,000.....		
4	Baird Bros.....	Colchester.....	McDonough.....	6,033.....	7.....	150.....		8,000.....		
5	Belleville Brick Co.....	Belleville.....	St. Clair.....	16,316.....	19.....	84.....				
6	Calhoun Lumber Co.....	Noblesville.....	Pike.....	80.....	2.....	24.....				
7	Campbell Hill Brick Co.....	Campbell Hill.....	Jackson.....	1,410.....	30.....	32.....	10.....			
8	Campus Brick & Tile Works.....	Campus.....	Livingston.....	272.....	7.....	15.....				
9	Carrey Brick Co.....	Chicago.....	Cook.....	10,800.....	82.....	50.....				1.....
10	Chicago Refrort & Fire Brick Co.....	Ottawa.....	LaSalle.....	12,836.....	12.....	185.....	117.....	180.....		
11	Wm. S. Damhorst Brick Co.....	Quincy.....	Adams.....	735.....	11.....	25.....				
12	W. S. Diekey Clay Mfg. Co.....	Colchester.....	McDonough.....	10,706.....	20.....	95.....		6,000.....		1.....
13	Eastern Illinois Clay Co.....	St. Anne.....	Kankakee.....	12,000.....	43.....	75.....		300.....		2.....
14	Ford Brick & Tile Co.....	Harrisburg.....	Saline.....	2,172.....	17.....	122.....		50.....		
15	Frederick Brick & Tile Works.....	Frederick.....	Schuyler.....	7,000.....	7.....	200.....		2,000.....		
16	Hill Brick Co.....	East St. Louis.....	St. Clair.....	17,300.....	63.....	124.....				
17	Hull & Gustafson.....	Cambria.....	Henry.....	850.....	10.....	95.....				
18	Hydraulic-Press Brick Co.....	Aledo.....	Mercer.....	6,000.....	20.....	60.....				
19	Hydraulic-Press Brick Co.....	Rural.....	Marshall.....	7,955.....	74.....	66.....		6,250.....		
20	Illinois Clay Products Co.....	Morris.....	Grundy.....	52,063.....	20.....	250.....		12,300.....		5.....
21	Kankakee Tile & Brick Co.....	Kankakee.....	Kankakee.....	5,865.....	31.....	84.....				5.....
22	Kloss Brick Co.....	Belleville.....	St. Clair.....	4,000.....	8.....	28.....				
23	J. P. Larson.....	Wyanet.....	Bureau.....	*700.....						
24	Lehigh Portland Cement Co.....	Oglesby.....	LaSalle.....	16,081.....	258.....	123.....				
25	Lowes Bros.....	Cary.....	McHenry.....	1,500.....						
26	Mascoutah Brick Co.....	Mascoutah.....	St. Clair.....	420,000.....	25.....	140.....				
27	Mathiessen & Hegeler Zinc Co.....	LaSalle.....	LaSalle.....	469.....	2.....	47.....	6.....			
28	McLaughlin Mining Co.....	Alsey.....	Scott.....	3,644.....	20.....	30.....	150.....			
29	Morton Brick & Tile Works.....	Morton.....	Tazewell.....	200.....	5.....	100.....				
30	Mt. Olive Brick & Tile Co.....	Mt. Olive.....	Macoupin.....	875.....	4.....	100.....				
31	Munson Bros. & Co.....	Capron.....	Boone.....	950.....	4.....	175.....				
32	National Fireproofing Corp.....	Ottawa.....	LaSalle.....	7,600.....	35.....	101.....				
33	Oberschelp Brick & Tile Co.....	Princeton.....	Bureau.....	625.....	10.....	95.....				
34	Olive Branch Mineral Co.....	Olive Branch.....	Alexander.....	*664.....				500.....		
35	Pooria Brick & Tile Co.....	Pooria.....	Tazewell.....	12,500.....	38.....	130.....		1,500.....		1.....
36	Poston-Springfield Brick Co.....	Springfield.....	Sangamon.....	21,070.....	71.....	220.....				

37	Purinton Paving Brick Co.	East Galesburg	Knox	189	110	492	1,850	
38	Richards Brick Co.	Edwardsville	Madison	58,380	113		350	
39	St. Anne Brick & Tile Co.	St. Anne	Kankakee	8,629	44			
40	St. Elmo Brick & Tile Co.	St. Elmo	Fayette	12,460	85		1,000	
41	Shale Products Co.	Petersburg	Menard	6,325	8		171	
42	Smelzar Refining Co.	Olmitstead	Pulaski	3,435	108		300	
43	Springfield Clay Products Co.	Springfield	Sangamon	25,829	52		1,000	
44	Standard Oil Co. (Indiana)	Olmitstead	Pulaski	8,217	32			
45	Streator Brick Co.	Streator	LaSalle	8,844	14			
46	Streator Drain Tile Co.	Streator	LaSalle	20,780	62		250	
47	Western Brick Co.	Danville	Vermilion	17,081	95		4,000	
48	Western Stoneware Co.	Colesville	McDonough	42,000	133			
49	Whitehall Pottery Works	Whitehall	Greene	*160	205			
	Total			300	151			
				905,097	120	825	53,801	41

* Tonnage figures submitted to the Federal Bureau of Mines.

TABLE 5.—SILICA.

No.	Name of operator.	Office address of company.	Location of plant.		Pro-duction in tons.	Number em- ployed.	Days worked.	Explosives.	Accidents.	
			Post office.	County.				Dynamite— pounds.	Fatal.	Non- fatal.
1	Olive Branch Minerals Co.	Cairo	Olive Branch	Alexander	880	16	250	1,000		
2	Ottawa Silica Co.	Ottawa	Ottawa	LaSalle	541,094	127	255	118,900		8
3	Ozark Minerals Co.	Elco	Elco	Alexander	6,188	4	160			
4	Standard Silica Co., No. 2	Ottawa	Ottawa	LaSalle	121,868	37	195	34,750		1
5	Wedron Silica Co.	Chicago	Wedron	LaSalle	161,523	10	300	22,000		5
	Total				831,553	194	232	176,450		14

TABLE 6.—LIMESTONE.

Number.	County.	Number of—		Output in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Operators.	Plants.				Powder—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Adams	2	2	11,950	24	121		8,725		3
2	Calhoun	1	1	5,200	*	*				
3	Clark	2	2	18,440	37	60		7,100		2
4	Clinton	2	2	1,671	6	42		200		
5	Cook	6	8	1,130,782	530	119	†240	205,400		29
6	DuPage	1	1	132,160	32	125		48,950		4
7	Greene	2	2	7,958	2	100		1,200		1
8	Hancock	3	3	15,500	31	125		2,550	1	
9	Hardin	2	2	23,782	64	71	60	950		
10	Jackson	1	1	2,029	3	165		125		
11	Jersey	3	4	53,353	76	113		10,400		4
12	Johnson	1	1	67,500	40	143		12,000		
13	Kankakee	1	1	288,459	57	154		72,115		14
14	Kendall	1	1	10,000	6	90		3,000		
15	LaSalle	3	3	1,021,632	1,079	185		359,400		
16	Livingston	3	3	43,958	40	40		1,000		
17	Madison	3	3	284,948	42	197		46,500		21
18	Marion	1	1	1,700	15	42				
19	McDonough	1	1	10,000	150	200	120			1
20	Monroe	8	8	65,256	79	130		15,650		1
21	Ogle	5	5	13,486	2	88		200		
22	Peoria	1	1	100	*	*				
23	Randolph	1	1	60,588	550	208		12,000		6
24	Rock Island	1	1	30,726	15	275	202			
25	St. Clair	6	6	496,100	547	128		131,700		5
26	Stephenson	1	1	900	*	*				
27	Union	2	2	65,935	36	100	1	21,300		5
28	Washington	3	3	952	5	40		50		
29	Whiteside	1	1	4,296	40	175		2,700		
30	Will	3	3	280,122	193	126		99,400		57
31	Winnebago	1	1	9,000	10	50		3,000		
Total		71	75	4,158,483	3,711	122	623	1,065,685	1	153

* Not reported.

† Cook County used 65,273 pounds of liquid oxygen in addition.

TABLE 7.—OIL AND GAS.

Number.	County.	Number of—		Production.		Number employed.	Explosives—nitroglycerine—quarts.	Accidents—non-fatal.
		Operators.	Wells.	Oil—barrels.	Gas—1,000 cubic feet.			
1	Bond	1	7		13,446	2		
2	Clark	12	1,074	224,106	11,044	*22		
3	Clinton	1	109	25,376		*		1
4	Crawford	24	6,344	1,377,319	419,127	*178	80	16
5	Cumberland	4	608	100,721	160,821	*3		
6	Hancock	1	5	3,621		*		
7	Lawrence	14	3,232	1,699,811	500,302	*75	5	11
8	Marion	5	113	50,475		*13		
9	McDonough	3	308	94,244		*4		
10	St. Clair	2	50	45,492		*1	80	
11	Wabash	21	130	98,141	50	*21	40	
Total		62	11,980	3,719,306	1,104,790	†1,140	205	28

* The Ohio Oil Co. and W. C. McBride, Inc., did not distribute their employees by counties.

† Includes 821 employees not distributed by counties.

TABLE 8.—SAND AND GRAVEL.

Number.	County.	Number of—		Production in tons.	Number em- ployed.	Average days worked.	Explosives used.		Accidents.	
		Oper- ators.	Plants.				Pow- der— kegs.	Dynamite— pounds.	Fatal.	Non- fatal.
1	Adams	2	2	7,106	3	200				
2	Alexander	3	3	52,721	56	61	175	8,850		4
3	Bond	4	4	9,200	7	51		6		
4	Boone	1	1	265						
5	Bureau	5	5	80,461	23	117				
6	Cook	1	1	16,992						
7	DeKalb	1	1	5,700						
8	DuPage	2	2	60,452	5	110				
9	Fayette	2	2	700	28	55				
10	Grundy	1	1	2,183						
11	Hancock	1	1	250						
12	Hardin	1	1	500	1	60				
13	Henderson	2	2	22,326	11	98			1	1
14	Henry	1	1	4,000	10	100				2
15	Kane	3	3	88,970	17	39				3
16	Kendall	1	1	270,000	26	116				5
17	Lake	3	3	134,268	27	112		200		
18	LaSalle	6	6	42,285	12	145		2,000		
19	Lawrence	1	1	43,560	9	150				
20	Lee	1	1	10,057						
21	Livingston	1	1	25,000	6	110				
22	Logan	1	1	145,687	30	140				4
23	Macon	2	2	18,142	2	150				
24	Madison	2	2	124,035	10	238		1,000		2
25	Massac	1	1	28,521						
26	McHenry	5	5	916,694	74	137				
27	Ogle	2	2	131,721	19	131				2
28	Peoria	1	1	295,000	20	270				10
29	Putnam	1	1	7,286	7	40				
30	Randolph	1	1	100,000	6	186				
31	Rock Island	4	4	55,247	21	134				
32	Sangamon	1	1	22,630	6	95				
33	Tazewell	3	4	660,326	40	223		500		12
34	Wabash	2	2	66,900	16	138				1
35	White	2	2	14,867	19	200				2
36	Winnebago	6	6	483,505	59	108				2
Total		71	78	3,947,557	570	128	175	12,556	1	50

TABLE 9—SHALE AND CLAY.

Number.	County.	Number of—		Production in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Oper-ators.	Plants.				Pow-der—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Adams.....	1	1	735	11	25	—	—	—	—
2	Alexander.....	1	1	664	—	—	—	—	—	—
3	Boone.....	1	1	950	4	175	—	—	—	—
4	Bureau.....	2	2	1,325	10	95	—	—	—	—
5	Cook.....	1	1	10,800	82	50	—	—	—	1
6	Edwards.....	1	2	18,300	116	97	—	5,200	—	3
7	Fayette.....	1	1	6,326	40	85	—	1,000	—	—
8	Greene.....	1	1	300	29	151	—	—	—	—
9	Grundy.....	1	1	52,663	20	250	—	12,300	—	5
10	Henry.....	1	1	850	10	95	—	—	—	—
11	Jackson.....	1	1	1,410	30	32	10	—	—	—
12	Kankakee.....	3	3	30,325	118	94	—	—	—	5
13	Knox.....	1	1	58,380	180	110	492	1,850	—	—
14	LaSalle.....	6	6	74,847	454	165	123	430	—	1
15	Livingston.....	1	1	272	7	15	—	—	—	—
16	Macoupin.....	1	1	875	4	100	—	—	—	—
17	Madison.....	2	2	21,114	94	107	50	2,350	—	—
18	Marshall.....	1	1	7,955	74	66	—	6,250	—	—
19	McDonough.....	3	3	16,899	27	123	—	14,000	—	1
20	McHenry.....	1	1	1,500	—	—	—	—	—	—
21	Menard.....	1	1	3,435	8	108	—	171	—	—
22	Mercer.....	1	1	6,000	20	60	—	—	—	—
23	Pike.....	1	1	80	2	24	—	—	—	—
24	Pulaski.....	2	2	34,673	66	263	—	300	—	1
25	St. Clair.....	4	4	457,616	115	94	—	2,600	—	—
26	Saline.....	1	1	2,172	17	122	—	300	—	2
27	Sangamon.....	2	2	29,287	103	153	—	2,500	—	1
28	Schuyler.....	1	1	7,000	7	200	—	50	—	—
29	Scott.....	1	1	3,644	20	50	150	—	—	—
30	Tazewell.....	2	2	12,700	43	115	—	500	—	—
31	Vermilion.....	1	1	42,000	133	205	—	4,000	—	21
Total.....		47	49	905,097	1,844	120	825	53,801	—	41

TABLE 10—SILICA.

Number.	County.	Number of—		Production in tons.	Number employed.	Average days worked.	Explosives used.		Accidents.	
		Oper-ators.	Plants.				Pow-der—kegs.	Dynamite—pounds.	Fatal.	Non-fatal.
1	Alexander.....	2	2	7,068	20	205	—	1,000	—	—
2	LaSalle.....	3	3	824,485	174	250	—	175,650	—	14
Total.....		5	5	831,553	194	232	—	176,650	—	14

TABLE 11—SUMMARY OF TABLES 6, 7, 8, 9 AND 10.

Industry.	Number of—			Produc- tion.	Num- ber em- ployed.	Average days worked.	Explosives used.		Accidents.	
	Coun- ties.	Oper- ators.	Plants.				Pow- der— kegs.	Dyna- mite— pounds.	Fatal.	Non- fatal.
Limestone.....	31	71	75	4,158,483	3,711	122	623	1,065,685	1	153
Oil and gas.....	41	62	11,980	43,719,306	1,140	-----	-----	**205	-----	28
				11,104,799						
Sand and gravel.....	36	71	78	3,947,557	570	128	175	12,556	1	50
Shale and clay.....	31	47	49	995,097	1,844	120	825	53,801	-----	41
Silica.....	2	5	5	*881,553	194	232	-----	176,650	-----	14
Total.....	67	256	12,187	*9,842,690	7,459	126	1,623	1,308,692	2	285
				43,719,306				*55,273		
				11,104,790				**205		

* Tons. † Barrels of oil. ‡ M. cu. ft. of gas. § 65,273 pounds of liquid oxygen additional.
 ** Quarts of nitroglycerine.

TABLE 12.—MINERAL INDUSTRIES OF ILLINOIS—PLANTS AND PRODUCTION—1934—BY COUNTIES

Number.	County.	Coal.		Fluorspar.		Lead.		Limestone.		Oil and gas.			Sand and gravel.		Shale and clay.		Silica.		Number.
		Mines.	Tons.	Mines.	Tons.	Mines.	Tons.	Quarries.	Tons.	Wells.	Oil— barrels.	Gas— cu. ft.	Pits.	Tons.	Pits.	Tons.	Mines.	Tons.	
1	Adams.....	1	64					2	11,950				2	7,106	1	735			1
2	Alexander.....												2	52,721	1	664	2	7,008	2
3	Bond.....	1	28,612							7		13,446	4	9,200					3
4	Boone.....												1	265	1	950			4
5	Brown.....	34	3,652																5
6	Pureau.....	13	31,851										5	80,461	2	1,325			6
7	Calhoun.....							1	5,200										7
8	Cass.....	4	1,758																8
9	Christian.....	7	3,896,706																9
10	Clark.....							2	18,440	1,074	224,106	11,044							10
11	Clinton.....	3	284,250					2	1,971	109	25,376								11
12	Cook.....							8	1,130,782	6,344	1,377,319	419,127	1	16,992	1	10,800			12
13	Crawford.....	5	5,578								100,721	160,821	1	5,700					13
14	Cumberland.....									608			2	69,452					14
15	DeKalb.....																		15
16	DuPage.....							1	132,160										16
17	Edgar.....	7	24,290										2	700	1	6,326			17
18	Edwards.....																		18
19	Fayette.....																		19
20	Franklin.....	15	7,780,162																20
21	Fulton.....	149	1,693,249																21
22	Gallatin.....	19	33,656																22
23	Greene.....	25	15,622					2	7,958										23
24	Grundy.....	7	138,455										1	2,183	1	52,663			24
25	Hancock.....	6	2,748							5	3,621								25
26	Hardin.....					1		3	15,500				1	500					26
27	Henderson.....			11	59,212			2	23,782				2	22,326					27
28	Henry.....	35	604,838										1	4,000	1	850			28
29	Jackson.....	32	1,925,513					1	2,029										29
30	Jasper.....	2	980																30
31	Jefferson.....	5	541																31
32	Jersey.....	10	2,380					4	53,353										32
33	Johnson.....	4	729					1	67,500										33
34	Kane.....												3	88,970					34
35	Kankakee.....							1	288,459										35
36	Kendall.....							1	10,000				1	270,000					36
37	Knox.....	52	357,562																37
38	Lake.....												3	134,268					38

39 LaSalle.....	88	324,465				3	1,021,632	3,232	1,699,811	500,302	6	42,285	6	74,847	3	824,485	39
40 Lawrence.....												1	43,560			40	
41 Lee.....												1	10,057			41	
42 Livingston.....	24	25,724				3	43,958					1	25,000	1	272	42	
43 Logan.....												1	145,687			43	
44 Macon.....	1	164,401										2	18,142	1	875	44	
45 Macoupin.....	19	3,372,601				3	284,945					2	124,035	2	21,114	45	
46 Madison.....	35	1,616,665				1	1,700	113	50,475			2				46	
47 Marion.....	2	292,762										1				47	
48 Marshall.....	26	12,722										1		1	7,955	48	
49 Vassau.....																49	
50 McDonough.....	36	10,072				1	10,000	308	94,244			1	28,521			50	
51 McHenry.....												5	916,694	1	1,500	51	
52 Menard.....	11	105,972										1			3,435	52	
53 Mercer.....	20	40,351										1			6,000	53	
54 Monroe.....	1	414				8	65,256									54	
55 Montgomery.....	2	549,671														55	
56 Morgan.....	1	765														56	
57 Oglesby.....	81	1,536,550				5	13,486					2	131,721			57	
58 Ogle.....	19	3,372,601				1	100					1	295,000			58	
59 Peoria.....	32	3,038,966														59	
60 Perry.....																60	
61 Pike.....	1	200												1	80	61	
62 Pope.....				4	1,217											62	
63 Pulaski.....	1	80,913												2	34,673	63	
64 Putnam.....	15	477,330				1	60,588					1	7,256			64	
65 Randolph.....	1	35										1	109,000			65	
66 Rock Island.....	14	78,298				1	30,726					4	55,247			66	
67 St. Clair.....	68	2,508,219				6	490,100	50	45,492					4	437,616	67	
68 Saline.....	41	2,734,233										1		1	2,172	68	
69 Sangamon.....	22	2,943,288										1	22,630	2	29,287	69	
70 Schuyler.....	60	50,897										1	7,000	1		70	
71 Scott.....	10	4,955										1		1	3,644	71	
72 Shelby.....	15	30,213														72	
73 Stark.....	16	20,842														73	
74 Stephenson.....						1	900									74	
75 Tazewell.....	8	328,142										4	630,326	2	12,700	75	
76 Union.....						2	65,935									76	
77 Vermilion.....	130	1,945,425						130	98,141	50		2	66,900	1	42,000	77	
78 Wabash.....	6	14,212														78	
79 Warren.....	12	8,677														79	
80 Washington.....	5	320,912				3	952					2	14,867			80	
81 White.....	1	31,006														81	
82 Whiteside.....						1	4,296									82	
83 Will.....	2	968,951				3	280,122									83	
84 Williamson.....	99	2,090,090														84	
85 Winnebago.....						1	9,000					6	483,505			85	
86 Woodford.....	2	103,260														86	
Total.....	1,347	41,724,078	15	60,429	1	8	75	4,158,483	11,980	1,104,790	78	3,917,557	49	905,097	5	831,553	

REPORT OF METAL MINES.

HOMER HARRIS, INSPECTOR.

The following tables show the activities of the metal mines for the year 1934.

TABLE 1—NAME OF OPERATOR, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCT, METHOD OF HOISTING AND MINING.

Name of operator.	Location of mine.		Depth of shaft in feet.	Product used for—	Method of hoisting.	Method of mining.
	Post office.	County.				
Hillside Fluorspar Mines	Rosiclare.....	Hardin...	650	Steel flux.....	Electricity..	Machine.
Benson Fluorspar Co...	Cave-in-Rock....	Hardin...	a	Steel flux.....	Air.....	Hand and machine.
Rosiclare Lead & Fluorspar Mining Co.....	Rosiclare.....	Hardin..	700	Steel, glass and enamelware..	Electricity..	Machine.
Victory Fluorspar Mining Co.....	Elizabethtown....	Hardin...	165	Steel flux.....	Steam.....	Hand.
Crystal Fluorspar Co...	Rosiclare.....	Hardin...	40	Steel flux.....	Gasoline...	Hand.
Flourspar Products Corp.....	Elizabethtown....	Hardin...	Drift...	a	a	Hand.
Knight, Knight & Clark	Rosiclare.....	Pope.....	60	Steel flux.....	Steam.....	Hand and machine.
Conrad, J. C.....	Herod.....	Pope.....	100	Steel flux.....	Steam.....	Hand and machine.
Sunbeam Fluorspar Co.	Elizabethtown....	Hardin...	Slope...	Steel flux.....	None.....	Hand.
Cullum, Fred.....	Elizabethtown....	Hardin...	30	Steel flux.....	Steam.....	Hand.
Dimick, W. E.....	Rosiclare.....	Hardin...	200	Steel flux.....	Steam.....	Machine.
Crabb, O. E.....	Herod.....	Pope.....	40	Steel flux.....	Hand.....	Hand.
Goleconda Mining Co...	Goleconda.....	Pope.....	70	a	Gasoline...	Hand.
Hamp, William.....	Herod.....	Hardin...	65	a	Gasoline...	Hand.
Daymon, L. A.....	Cave-in-Rock....	Hardin...	57	a	Hand.....	Hand.
Sheldon, Elsworth...	Goleconda.....	Hardin...	41	Steel flux.....	Hand.....	Hand.

(a) Not reported.

TABLE 2—PRODUCTION AND DISPOSITION OF PRODUCT, EXPLOSIVES USED, EMPLOYEES, DAYS WORKED, NUMBER INJURED AND DAYS LOST.

Name of operator.	Production—tons.		Tons shipped to—			Ex-plosives.	Employees.	Days worked.	Number injured.	Days lost.
	Fluorspar.	Lead.	Pounds in Illinois.	Other states.	Foreign countries.	Dynamite—pounds.				
Hillside Fluorspar Mines.....	30,398	-----	1,328	7,546	----	54,750	90	168	7	76
Benzon Fluorspar Co.....	12,632	-----	-----	3,900	142	18,950	95	200	---	---
Rosiclare Lead & Fluorspar Mining Co.....	7,379	-----	465	9,629	60	20,740	27	200	1	41
Victory Fluorspar Mining Co.....	4,840	-----	-----	4,840	-----	11,500	18	189	1	9
Crystal Fluorspar Co.....	2,000	-----	-----	2,000	-----	3,000	20	112	2	92
Fluorspar Products Corp.....	1,542	-----	-----	1,542	-----	6,000	14	200	---	---
Knight, Knight & Clark.....	877	-----	-----	877	-----	500	8	187	---	---
Conrad, J. C.....	200	-----	200	-----	-----	50	6	90	---	---
Sunbeam Fluorspar Co.....	150	-----	40	-----	-----	400	4	90	---	---
Cullum, Fred.....	140	-----	140	-----	-----	-----	4	60	---	---
Dimick, W. E.....	125	-----	-----	125	-----	125	3	90	---	---
Crabb, O. E.....	70	-----	70	-----	-----	-----	3	60	---	---
Golconda Mining Co.....	50	-----	-----	50	-----	100	4	60	2	120
Hamp, William.....	20	-----	-----	-----	-----	5	4	30	---	---
Daymon, L. A.....	-----	8	8	-----	-----	-----	5	90	---	---
Sheldon, Elsworth.....	6	-----	6	-----	-----	3	2	24	---	---
Total.....	60,429	8	2,257	30,509	202	116,123	307	a116	13	338

(a) Average.

REPORT OF STATE MINING BOARD.

The State Mining Board held examinations in March and September for the purpose of passing upon the qualifications of applicants for State Mine Inspector and in May, September and December for Mine Managers, Mine Examiners and Hoisting Engineers.

The names and addresses of those passing these tests are as follows:

STATE MINE INSPECTORS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Amberger, Joseph.....	Petersburg.....	Menard.....	57	Germany.....	Mar. 15	204
Anderson, Mat.....	Glen Carbon.....	Madison.....	37	Scotland.....	Mar. 15	222
Casassa, Joseph B.....	Spring Valley.....	Bureau.....	43	Illinois.....	Mar. 15	201
Conlin, William.....	Carlinville.....	Macoupin.....	65	Scotland.....	Mar. 15	212
Cosgrove, Bernard.....	Benton.....	Franklin.....	61	Scotland.....	Mar. 15	203
Coulson, R. E. M.....	Collinsville.....	Madison.....	56	England.....	Mar. 15	216
Deemy, George H.....	Peoria.....	Peoria.....	58	Pennsylvania.....	Mar. 15	202
Donaldson, John A.....	Danville.....	Vermilion.....	55	Scotland.....	Mar. 15	215
Duddy, Martin.....	Nokomis.....	Montgomery.....	58	England.....	Mar. 15	227
Eldridge, Willard.....	West Frankfort.....	Franklin.....	43	Illinois.....	Mar. 15	224
Evans, John H.....	Harrisburg.....	Saline.....	41	Ohio.....	Sept. 11	228
Firth, Joe, Jr.....	Beuld.....	Macoupin.....	30	Kansas.....	Mar. 15	223
Forester, Leonard.....	Percy.....	Randolph.....	48	Illinois.....	Mar. 15	218
Haffter, Charles.....	Mt. Olive.....	Macoupin.....	58	Illinois.....	Mar. 15	207
Higgins, Thomas C.....	Collinsville.....	Madison.....	35	Scotland.....	Mar. 15	208
Janessa, Frank.....	Springfield.....	Sangamon.....	41	Illinois.....	Mar. 15	211
Kingston, Ray.....	Shelbyville.....	Shelby.....	44	Illinois.....	Mar. 15	213
Larrick, O. O.....	Nokomis.....	Montgomery.....	63	Virginia.....	Mar. 15	205
McGonigal, Larry.....	Granville.....	Putnam.....	47	Illinois.....	Mar. 15	220
McKenna, Thomas.....	Danville.....	Vermilion.....	39	Indiana.....	Mar. 15	225
Moore, Roscoe.....	Benton.....	Franklin.....	36	Illinois.....	Mar. 15	226
Nickolson, John.....	Divernon.....	Sangamon.....	53	England.....	Mar. 15	210
Reed, James M.....	LaSalle.....	LaSalle.....	58	Illinois.....	Mar. 15	209
Roberts, Harry.....	Edinburg.....	Christian.....	49	Illinois.....	Mar. 15	206
Scully, Thomas Alvin.....	Troy.....	Madison.....	35	Illinois.....	Mar. 15	214
Urbain, Gus.....	Springfield.....	Sangamon.....	50	Indiana.....	Mar. 15	221
Watson, William.....	Carbondale.....	Jackson.....	41	England.....	Mar. 15	217
Wilson, David.....	Lincoln.....	Logan.....	58	Illinois.....	Mar. 15	219

MINE MANAGERS—FIRST CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Ackerman, Robert.....	Staunton.....	Macoupin.....	42	Illinois.....	Dec. 17	1,669
Adamson, Magnus J.....	Highland.....	Madison.....	35	England.....	Dec. 17	1,670
Baggott, John R.....	Eldorado.....	Saline.....	40	Illinois.....	May 21	1,641
Brymer, Thomas N.....	Herrin.....	Williamson.....	49	Tennessee.....	May 21	1,645
Christe, Tony.....	Edwardsville.....	Madison.....	40	Austria.....	May 21	1,634
Conway, Lee.....	Staunton.....	Macoupin.....	54	Illinois.....	Dec. 17	1,662
Cusack, Walter.....	Edwards.....	Peoria.....	31	Illinois.....	May 21	1,644

MINE MANAGERS—FIRST CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Dowiatt, A. C.	Westville.	Vermilion.	31	Illinois.	May 21	1,635
Dumont, Joe.	Staunton.	Macoupin.	36	Illinois.	May 21	1,646
Evans, Arthur R.	Springfield.	Sangamon.	25	Illinois.	May 21	1,651
Feldman, William.	Pocahontas.	Bond.	36	Illinois.	Dec. 17	1,671
Forester, Leo J.	Percy.	Randolph.	26	Illinois.	May 21	1,637
Foulk, John M.	Carlinville.	Macoupin.	49	Illinois.	May 21	1,649
Grone, Simon F.	Staunton.	Macoupin.	48	Missouri.	Dec. 17	1,672
Haller, Emil.	Mt. Olive.	Macoupin.	38	Illinois.	Sept. 10	1,655
Hendricks, Frank E.	Frederick.	Schuyler.	39	Illinois.	May 21	1,650
Jefford, Lloyd.	Glasford.	Peoria.	29	Illinois.	May 21	1,639
Johns, Columbus.	Harrisburg.	Saline.	37	Alabama.	Sept. 10	1,657
Kotzman, John.	Staunton.	Macoupin.	32	Germany.	May 21	1,647
Lisse, Herman.	Tovey.	Christian.	29	Michigan.	Sept. 10	1,652
Miller, Frank L.	Pleasant Plains.	Sangamon.	40	Illinois.	Sept. 10	1,653
Montgomery, Dennis.	Harrisburg.	Saline.	35	Indiana.	May 21	1,640
Moore, William.	Benton.	Franklin.	27	Illinois.	Dec. 17	1,663
Oblack, Bartel.	Clinton, Ind.	Vermilion.	53	Austria.	Dec. 17	1,665
Orme, John.	Springfield.	Sangamon.	34	England.	Sept. 10	1,658
Rieken, William.	Belleville.	St. Clair.	46	Illinois.	May 21	1,648
Robling, P. M.	Staunton.	Macoupin.	34	Indiana.	May 21	1,642
Sandusky, Everett.	Georgetown.	Vermilion.	28	Illinois.	Dec. 17	1,660
Sadler, Walter.	Harrisburg.	Saline.	37	Kentucky.	May 21	1,643
Sharknas, John.	West Frankfort.	Franklin.	26	Illinois.	Dec. 17	1,656
Sharp, John.	Junction.	Gallatin.	54	Tennessee.	Sept. 10	1,659
Smith, Charles J.	Moweaqua.	Shelby.	45	Illinois.	May 21	1,638
Stone, Frank M.	Ewing.	Franklin.	30	Illinois.	Dec. 17	1,667
Sweeney, William J.	Staunton.	Macoupin.	41	Illinois.	Dec. 17	1,664
Tarrach, Anton C.	Staunton.	Macoupin.	40	Illinois.	Dec. 17	1,668
Thomas, John W.	Taylorville.	Christian.	27	Ohio.	Sept. 10	1,654
Vukelic, John.	Mt. Olive.	Macoupin.	30	Illinois.	Sept. 10	1,656
Williams, Ray.	Benton.	Franklin.	38	Illinois.	May 21	1,636
Wilson, Robert.	Staunton.	Macoupin.	64	Pennsylvania.	Dec. 17	1,661

MINE MANAGERS—SECOND CLASS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Ackerson, William.	Cuba.	Fulton.	55	Illinois.	Dec. 17	1,128
Ackley, Raymond.	Middletown.	Logan.	39	Illinois.	Sept. 10	1,054
Adams, Delmar.	Littleton.	Schuyler.	45	Missouri.	Dec. 17	1,125
Anderson, Cecil G.	Roodhouse.	Greene.	30	Georgia.	Sept. 10	1,089
Anderson, Daniel W.	Shelbyville.	Shelby.	69	Illinois.	Dec. 17	1,154
Arnold, Ira.	Rushville.	Schuyler.	35	Illinois.	Dec. 17	1,155
Askew, Arthur.	Marion.	Williamson.	49	Illinois.	Sept. 10	1,097
Austin, C. A.	Rushville.	Schuyler.	41	Illinois.	Sept. 10	1,031
Barelay, Donald.	Mapleton.	Peoria.	33	Illinois.	Sept. 10	1,025
Bates, Harvey.	Kewanee.	Henry.	39	Illinois.	Sept. 10	1,062
Baxter, W. B.	Birmingham.	Schuyler.	53	Illinois.	Dec. 17	1,134
Bennett, Colyer.	Eldorado.	Saline.	32	Illinois.	Sept. 10	1,050
Bennett, John.	Eldorado.	Saline.	23	Illinois.	Sept. 10	1,051
Beoletto, Frank.	Farmincton.	Fulton.	46	Italy.	Sept. 10	1,090
Berry, James.	Springfield.	Sangamon.	58	Illinois.	Sept. 10	1,044
Bevard, Elmer L.	Ellisville.	Fulton.	44	Illinois.	Sept. 10	1,058
Blagden, Arthur.	Avon.	Fulton.	50	Illinois.	May 21	1,013
Bobo, George C.	Canton.	Fulton.	42	Illinois.	Sept. 10	1,022
Bock, William.	Danville.	Vermilion.	37	Germany.	Sept. 10	1,085
Boen, Ira.	Danville.	Vermilion.	44	Illinois.	Dec. 17	1,120
Bolinski, Walter.	Pinekeyville.	Perry.	48	Pennsylvania.	Sept. 10	1,084
Bowman, Homer E.	Littleton.	Schuyler.	39	Illinois.	Sept. 10	1,023
Branchfield, Frank B.	Canton.	Fulton.	37	Illinois.	May 21	1,011
Brewer, A. A.	Sheffield.	Bureau.	57	Illinois.	Sept. 10	1,067
Brooks, Elmer H.	Fairview.	Fulton.	51	Illinois.	Sept. 10	1,068
Byrn, Carl.	Marion.	Williamson.	29	Illinois.	Sept. 10	1,046
Byrn, Henry.	Marion.	Williamson.	50	Illinois.	Sept. 10	1,047
Carter, Ezra.	Marion.	Williamson.	49	Illinois.	Sept. 10	1,099

MINE MANAGERS—SECOND CLASS—Continued.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Chandler, Fred.....	Cuba.....	Fulton.....	59	New Jersey.....	Dec. 17	1,118
Chaney, Floyd.....	Equality.....	Gallatin.....	35	Illinois.....	May 21	1,008
Clusker, John P.....	Springfield.....	Sangamon.....	39	Scotland.....	May 21	997
Collins, Noble.....	Danville.....	Vermilion.....	50	Illinois.....	Dec. 17	1,107
Collins, Wesley A.....	Peoria.....	Peoria.....	28	Illinois.....	May 21	1,014
Colwell, Frank.....	Sparland.....	Marshall.....	55	Illinois.....	Dec. 17	1,165
Colwell, Willis.....	Chillicothe.....	Peoria.....	25	Illinois.....	Dec. 17	1,148
Cook, Charley.....	Vermont.....	Fulton.....	36	Illinois.....	May 21	1,021
Cooper, Henry.....	Equality.....	Gallatin.....	43	Illinois.....	Dec. 17	1,160
Corder, Vallie.....	Marion.....	Williamson.....	31	Illinois.....	Sept. 10	1,100
Cotton, Charles F.....	DeSoto.....	Jackson.....	40	Illinois.....	Dec. 17	1,153
Cox, Lester.....	Cartersville.....	Williamson.....	42	Illinois.....	Sept. 10	1,035
Crippin, Glenn.....	Westville.....	Vermilion.....	27	Illinois.....	Dec. 17	1,108
Crone, Adam.....	Streator.....	LaSalle.....	42	Illinois.....	Sept. 10	1,104
Davidson, Robert.....	Streator.....	LaSalle.....	54	England.....	Sept. 10	1,085
Davis, Orville.....	Astoria.....	Fulton.....	25	Illinois.....	Sept. 10	1,073
DeFour, Julius.....	Fairview.....	Fulton.....	29	Italy.....	May 21	1,017
Dorich, Joseph.....	Canton.....	Fulton.....	44	Austria.....	Dec. 17	1,136
Drudi, P. A.....	Pekin.....	Tazewell.....	40	Italy.....	Sept. 10	1,086
Duquesnoy, Louis.....	Danville.....	Vermilion.....	45	France.....	Dec. 17	1,162
Durant, Ray.....	Neponset.....	Bureau.....	32	Illinois.....	Sept. 10	1,048
Dwyer, William T.....	Marion.....	Williamson.....	32	Illinois.....	May 21	994
Edwards, Irvin M.....	Marion.....	Williamson.....	40	Illinois.....	Sept. 10	1,063
Elias, Joseph L.....	Fairview.....	Fulton.....	40	Illinois.....	Sept. 10	1,038
Elias, Thomas R.....	Fairview.....	Fulton.....	25	Illinois.....	Sept. 10	1,039
Esp, W. B.....	Matherville.....	Mercer.....	56	Illinois.....	Sept. 10	1,024
Faletto, Steve L.....	Marseilles.....	LaSalle.....	38	Italy.....	Dec. 17	1,132
Fitzgibbon, Edward T.....	Shawneetown.....	Gallatin.....	55	Kentucky.....	Sept. 10	1,078
Ford, Richard.....	Hanna City.....	Peoria.....	32	Oklahoma.....	Sept. 10	1,083
Galasko, Paul.....	Danville.....	Vermilion.....	45	Lithuania.....	Dec. 17	1,129
Glore, Fred A.....	Ellisville.....	Fulton.....	36	Illinois.....	May 21	1,009
Glover, Isaac N.....	Equality.....	Gallatin.....	30	Illinois.....	Dec. 17	1,159
Gorsuch, Otis W.....	Littleton.....	Schuyler.....	37	Illinois.....	Dec. 17	1,135
Granko, John.....	Peoria.....	Peoria.....	27	Iowa.....	May 21	1,020
Grisolano, Lewis, Jr.....	Norris.....	Fulton.....	33	Italy.....	Sept. 10	1,076
Grzonich, Gabriell.....	St. David.....	Fulton.....	47	Austria.....	Dec. 17	1,142
Hampton, William T.....	Marissa.....	St. Clair.....	56	Arkansas.....	Sept. 10	1,088
Harrington, C. D.....	Danville.....	Vermilion.....	35	Illinois.....	Dec. 17	1,143
Hendren, Roy.....	Harrisburg.....	Saline.....	26	Tennessee.....	Sept. 10	1,082
Henry, Merile.....	Danville.....	Vermilion.....	24	Illinois.....	Dec. 17	1,111
Hillman, William M.....	Sparland.....	Marshall.....	40	Tennessee.....	Dec. 17	1,147
Howard, Earl.....	Danville.....	Vermilion.....	42	Illinois.....	Sept. 10	1,041
Howard, G. W.....	Galesburg.....	Knox.....	56	Missouri.....	Sept. 10	1,040
Ishum, James.....	Keensburg.....	Wabash.....	60	Indiana.....	Sept. 10	1,074
Jackson, Joe.....	Alton.....	Madison.....	50	Illinois.....	Sept. 10	1,061
Jackson, John.....	Mt. Carmel.....	Wabash.....	52	England.....	Sept. 10	1,069
Johnson, Henry F.....	Oak Hill.....	Peoria.....	32	Illinois.....	May 21	999
Johnson, Lee W.....	Viola.....	Mercer.....	51	Illinois.....	Sept. 10	1,057
Kerestes, John.....	Streator.....	LaSalle.....	51	Austria.....	May 21	991
Kranz, Peter.....	Sparland.....	Marshall.....	45	Germany.....	Dec. 17	1,156
Krueger, August.....	Kewanee.....	Henry.....	60	Illinois.....	Sept. 10	1,101
Krupps, Alfred.....	Mt. Sterling.....	Brown.....	48	Kansas.....	Dec. 17	1,124
Kruse, Karl.....	Mt. Carmel.....	Wabash.....	32	Indiana.....	Sept. 10	1,096
Ladda, Frank.....	Norris.....	Fulton.....	31	Italy.....	Sept. 10	1,093
Lehmann, Clarence A.....	Freeburg.....	St. Clair.....	24	Illinois.....	Dec. 17	1,151
McConne, William A.....	Galesburg.....	Knox.....	59	Illinois.....	Sept. 10	1,032
McDonald, Willis.....	Equality.....	Gallatin.....	43	Illinois.....	Dec. 17	1,153
McDowell, Iley M.....	Harrisburg.....	Saline.....	40	Illinois.....	May 21	1,015
McNew, C. C.....	Stonefort.....	Saline.....	54	Illinois.....	Dec. 17	1,161
Maccaneli, Frank.....	Farmington.....	Fulton.....	41	Italy.....	May 21	1,005
Maddalozzo, C.....	Peoria.....	Peoria.....	28	Illinois.....	May 21	995
Magnuson, Eric.....	Danville.....	Vermilion.....	36	Iowa.....	Dec. 17	1,152
Mann, Frank.....	Cartersville.....	Williamson.....	48	Illinois.....	Sept. 10	1,036
Mauck, Walter.....	Danville.....	Vermilion.....	37	Illinois.....	Dec. 17	1,109
Meredith, Everett.....	Augusta.....	Hancock.....	42	Illinois.....	Sept. 10	1,072
Meyerhoff, Theodor.....	Percy.....	Randolph.....	47	Illinois.....	Dec. 17	1,164
Miller, George B.....	Aledo.....	Mercer.....	30	Illinois.....	Sept. 10	1,026
Miller, Jack.....	Shelbyville.....	Shelby.....	41	Illinois.....	Dec. 17	1,149
Miller, John.....	Macomb.....	McDonough.....	43	Illinois.....	Dec. 17	1,122
Mills, Harry.....	Johnston City.....	Williamson.....	54	England.....	Sept. 10	1,094
Morgan, Jess R.....	Ava.....	Jackson.....	41	Illinois.....	Sept. 10	1,053
Mori, Marion.....	Springfield.....	Sangamon.....	48	Italy.....	Sept. 10	1,077
Moore, Kenneth D.....	Rushville.....	Schuyler.....	42	Illinois.....	Dec. 17	1,133
Moore, Ray.....	Equality.....	Gallatin.....	40	Illinois.....	Dec. 17	1,163

MINE MANAGERS—SECOND CLASS—Concluded.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Morris, P. O.	Aledo	Mercer	44	Illinois	Sept. 10	1,059
Motsinger, Arthur	Pittsburg	Williamson	52	Illinois	Sept. 10	1,098
Motsinger, Freeman	Pittsburg	Williamson	24	Illinois	Sept. 10	1,102
Muir, T. J.	Avon	Fulton	33	Illinois	Sept. 10	1,056
Murphy, Frank	Georgetown	Vermilion	33	West Virginia	Dec. 17	1,110
Musatto, George	Cedar Point	LaSalle	36	Illinois	Dec. 17	1,157
Oblack, Bartel	Clinton, Ind.	Vermilion	53	Austria	Sept. 10	1,087
Olson, Chester A.	Rock Island	Rock Island	47	Ohio	May 21	998
Osolnik, Cyril	Utica	LaSalle	43	Austria	Sept. 10	1,079
Paul, Jesse William	Smithfield	Fulton	26	Illinois	Sept. 10	1,055
Paul, Louis J.	Fairview	Fulton	41	Illinois	Sept. 10	1,034
Patton, Lee	Peoria	Peoria	36	Illinois	Sept. 10	1,049
Phillips, Benjamin F.	Ray	Schuyler	42	Illinois	Dec. 17	1,131
Pilkington, Clarence	Danville	Vermilion	43	Illinois	Dec. 17	1,121
Platt, George H.	Henry	Marshall	46	Pennsylvania	Dec. 17	1,116
Pobanz, Ralph G.	Moline	Rock Island	26	Illinois	Dec. 17	1,130
Pointer, Roland M.	Abingdon	Knox	34	Illinois	Sept. 10	1,033
Proffer, Mose	Marion	Williamson	43	Missouri	Sept. 10	1,081
Rachke, Nicholas	Princeville	Peoria	44	Austria	May 21	1,019
Reed, Frank	Mt. Carmel	Wabash	26	Indiana	Sept. 10	1,075
Rimbey, Russel	Athensville	Greene	37	Illinois	Dec. 17	1,139
Rinaldo, Joe	Mapleton	Peoria	34	Illinois	May 21	993
Ripka, Elmer	Kewanee	Henry	47	Illinois	Sept. 10	1,103
Ripka, Louis W.	Kewanee	Henry	42	Illinois	Sept. 10	1,064
Rippon, James	Westville	Vermilion	31	England	Dec. 17	1,144
Rothe, Otto F.	Jerseyville	Jersey	44	Illinois	Dec. 17	1,115
Ruggeri, Barney	Farmington	Fulton	38	Italy	May 21	1,016
Ruggeri, Tony	Oak Hill	Peoria	39	Italy	May 21	1,010
Saottini, Louis	Bethalto	Madison	28	Pennsylvania	Dec. 17	1,123
Searce, Oscar	Grape Creek	Vermilion	26	Illinois	Dec. 17	1,140
Schaefer, William F.	Danville	Vermilion	50	Illinois	Dec. 17	1,117
Scott, William	Kingston Mines	Peoria	38	Illinois	May 21	992
Sexton, Herbert	Baldwin	Randolph	39	Kentucky	Dec. 17	1,150
Shackleford, Arthur D.	Marion	Williamson	35	Illinois	May 21	989
Shanks, Archie	Littleton	Schuyler	32	Illinois	Sept. 10	1,106
Sherwood, Joseph	Elmwood	Peoria	25	Nebraska	Sept. 10	1,092
Siepel, Joseph C.	Glasford	Peoria	54	Illinois	May 21	1,000
Smith, Bert	Athensville	Greene	50	Illinois	Dec. 17	1,127
Smith, Charles	Viola	Mercer	31	Illinois	Sept. 10	1,028
Smith, R. C.	Aledo	Mercer	32	Illinois	Sept. 10	1,027
Smith, S. O.	Aledo	Mercer	41	Illinois	Sept. 10	1,030
Smith, Wilbur L.	Aledo	Mercer	39	Illinois	Sept. 10	1,029
Snyder, John	Canton	Fulton	36	Croatia	Sept. 10	1,066
Sporcich, Steve	Danville	Vermilion	43	Jugo-Slavia	May 21	1,012
Staff, Charles E.	Marion	Williamson	50	Missouri	May 21	996
Stahlheber, August C.	Freeburg	St. Clair	56	Illinois	Dec. 17	1,146
Standacher, Charley	Marion	Williamson	44	Illinois	Sept. 10	1,042
Stephenson, Clyde G.	Cuba	Fulton	27	Illinois	May 21	1,003
Stevenor, Gus.	St. David	Fulton	45	Pennsylvania	May 21	1,004
Stockham, George H.	Lewistown	Fulton	45	England	Sept. 10	1,091
Stokes, Joseph	Canton	Fulton	50	England	Dec. 17	1,137
Stone, Cecil G.	Geneseo	Henry	33	Indiana	Sept. 10	1,080
Stoneking, John C.	Littleton	McDonough	51	Illinois	Sept. 10	1,071
Stotler, Dick	Littleton	Schuyler	35	Illinois	Sept. 10	1,060
Strobel, Amos	Equality	Gallatin	41	Illinois	May 21	1,001
Surrock, Edward	Streator	LaSalle	45	Illinois	Dec. 17	1,113
Thompson, Delos	Ipava	Fulton	38	Illinois	May 21	1,007
Travis, William	Belleville	St. Clair	66	Illinois	Sept. 10	1,043
Tubb, Amos	Shelbyville	Shelby	50	Missouri	Sept. 10	1,070
Vincent, Clyde	Ray	Schuyler	42	Illinois	Dec. 17	1,119
Von Ach, August	Cuba	Fulton	52	Illinois	Dec. 17	1,125
Wagenblast, Earl	Jerseyville	Jersey	24	Illinois	Dec. 17	1,114
Walker, Lorenzo	Canton	Fulton	54	Illinois	Dec. 17	1,141
Walter, Henry	Lenzburg	St. Clair	48	Illinois	Dec. 17	1,145
White, Edgar M.	Johnston City	Williamson	52	Illinois	Sept. 10	1,045
White, Jess M.	Geneseo	Henry	44	Illinois	Sept. 10	1,105
Whitehead, Logan	Lewistown	Fulton	44	Illinois	Dec. 17	1,138
Wilson, F. T.	Willisville	Perry	65	Illinois	Sept. 10	1,052
Wimsett, George Melvin	Georgetown	Vermilion	37	Illinois	Dec. 17	1,112
Winchell, Jesse	Abingdon	Knox	47	Illinois	Sept. 10	1,037
Witcher, John	Canton	Fulton	59	Illinois	Sept. 10	1,065
Wray, George	Pontiac	Livingston	47	England	May 21	990
Wright, John	Spring Valley	Bureau	43	Illinois	May 21	1,018
Young, Don B.	Bartonville	Peoria	27	Illinois	May 21	1,006
Zaborac, Albert	St. David	Fulton	37	Illinois	May 21	1,002

ELECTRICAL HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Allen, Ellsworth	Streator	LaSalle	44	Illinois	Sept. 10	512
Ashley, George L.	Gillespie	Macoupin	33	Iowa	Dec. 17	530
Bunker, Frank L.	Springfield	Sangamon	38	Austria	Dec. 17	524
Casassa, Joseph B.	Spring Valley	Bureau	44	Illinois	Dec. 17	529
Crawford, Harold E.	Fairmount	Vermilion	31	Illinois	Dec. 17	525
Crawford, James H.	Oakwood	Vermilion	53	Illinois	Sept. 10	510
Dickhaut, Henry O.	Mascoutah	St. Clair	40	Illinois	May 21	503
Dougherty, Joseph W.	Taylorville	Christian	24	Illinois	May 21	502
Dove, Charles W.	O'Fallon	St. Clair	52	Illinois	Dec. 17	521
Fischer, George A.	O'Fallon	St. Clair	63	Illinois	Dec. 17	528
Johnson, Calvin Loid.	El dorado	Saline	37	Illinois	Sept. 10	517
Jones, Henry	Springfield	Sangamon	46	Illinois	May 21	500
Kelly, Robert D.	Nokomis	Montgomery	62	Scotland	May 21	505
Kingston, Ray	Shelbyville	Shelby	44	Illinois	Dec. 17	527
Lawson, Clinton J.	Galesburg	Knox	26	Illinois	Dec. 17	522
Loeffler, Adolph E.	O'Fallon	St. Clair	55	Illinois	Sept. 10	514
McCormick, Clarence	DuQuoin	Perry	22	Illinois	Sept. 10	506
Mielke, John E.	Coal Valley	Rock Island	39	Illinois	Sept. 10	518
Munts, Leslie	Streator	LaSalle	28	Illinois	Dec. 17	520
Nichols, Carl	Springfield	Sangamon	35	Illinois	Sept. 10	519
Phillips, Walter W.	Johnston City	Williamson	33	Illinois	Sept. 10	508
Ragsdale, Thomas F.	Taylorville	Christian	25	Illinois	Sept. 10	509
Schroeder, Edward	Pekin	Tazewell	48	Wisconsin	Sept. 10	507
Smith, Paul R.	Sullivan	Moultrie	40	Illinois	Sept. 10	516
Stephenson, Edward	Conants	Perry	25	Illinois	May 21	501
Stokes, Parnell	Taylorville	Christian	40	Illinois	Dec. 17	523
Tate, Frank	Springfield	Sangamon	40	Illinois	May 21	504
Thomas, Chester	Tilton	Vermilion	22	Illinois	Dec. 17	526
Vandalli, John	Farmington	Fulton	39	Italy	Sept. 10	511
Wertz, George E.	Orion	Henry	28	Illinois	Sept. 10	515
Wunderlich, Russel	Lenzburg	St. Clair	37	Illinois	Sept. 10	513

STEAM HOISTING ENGINEERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of exam-ination.	Number of cer-tificate.
Atchley, Otto	Carmi	White	38	Illinois	Sept. 10	708
Caley, Charles	Palestine	Crawford	63	Illinois	Dec. 17	717
Conder, Andrew, Jr.	Virden	Macoupin	37	Illinois	May 21	697
Dallefeld, Walter E.	Ellisville	Fulton	36	Illinois	Sept. 10	712
Dougherty, Joe W.	Taylorville	Christian	25	Illinois	Sept. 10	703
Dowling, William E.	Springfield	Sangamon	35	Illinois	May 21	696
Hines, Clarence G.	Minonk	Woodford	35	Indiana	Sept. 10	713
Humphrey, James E.	Mascoutah	St. Clair	38	Illinois	May 21	701
Legendre, Lorraine	New Athens	St. Clair	35	Illinois	Dec. 17	716
Lueker, F. C.	Pinckneyville	Perry	34	Illinois	Dec. 17	715
McCormick, Clarence	DuQuoin	Perry	22	Illinois	May 21	700
Manion, Noble	DuQuoin	Perry	28	Illinois	Sept. 10	709
Overbeck, Fred H.	Sandoval	Marion	37	Missouri	Sept. 10	706
Rhodes, Herb.	Edinburg	Christian	38	Illinois	May 21	698
Schmidt, Ernest	Pittsburg	Williamson	31	Illinois	May 21	695
Sullivan, Keith P.	Ellisville	Fulton	28	Illinois	Sept. 10	711
Waldman, Edwin E.	Dubois	Washington	32	Illinois	Sept. 10	710
Waslbond, James J.	Riverton	Sangamon	47	Illinois	May 21	699
Wasson, Charles A.	Springfield	Sangamon	28	Arkansas	Sept. 10	707
Westwood, U dell	Belleville	St. Clair	27	Illinois	May 21	702
White, Harry	Petersburg	Menard	61	Illinois	Sept. 10	704
Wilson, Clarence W.	Pinckneyville	Perry	45	Indiana	Dec. 17	714
Woolbright, Harry O.	Centralia	Marion	29	Illinois	Sept. 10	705

MINE EXAMINERS.

Name.	Post office.	County.	Age.	Birthplace.	Date of examination.	Number of certificate.
Auten, O. O.	Eldorado.	Saline.	46	Illinois.	Sept. 11	2,687
Balagna, Lester.	Farmincton.	Effusion.	35	Baly.	May 21	2,679
Ballard, Ben.	Eldorado.	Saline.	32	Illinois.	Dec. 17	2,697
Bishop, Grover.	Eldorado.	Saline.	48	Illinois.	Dec. 17	2,103
Buckrod, Joseph, Jr.	Belleville.	St. Clair.	28	Illinois.	Sept. 11	2,681
Carr, Sam.	Eldorado.	Saline.	45	Illinois.	May 21	2,673
Dawson, George H.	Orion.	Henry.	45	Illinois.	Sept. 11	2,691
Dudas, Michael S.	Mt. Olive.	Macoupin.	27	Illinois.	Dec. 17	2,698
Flynn, Gilbert Bernard.	Rutland.	LaSalle.	21	Illinois.	Dec. 17	2,694
France, Clifford.	Livingston.	Madison.	34	Illinois.	May 21	2,681
France, Joe.	Staunton.	Macoupin.	31	Illinois.	May 21	2,680
Galecner, Percy W.	Eldorado.	Saline.	21	Illinois.	Dec. 17	2,699
Gavillet, Eugene.	Collinsville.	Madison.	29	Illinois.	Sept. 11	2,685
Hamilton, Virgil.	DuQuoin.	Perry.	34	Illinois.	May 21	2,674
Harbison, J. C.	Eldorado.	Saline.	52	Illinois.	May 21	2,672
Hitt, John.	Hamora.	Perry.	31	Illinois.	May 21	2,675
Holecheck, Emil.	Mt. Olive.	Macoupin.	24	Illinois.	May 21	2,671
Jones, Thomas.	Decatur.	Macon.	34	England.	May 21	2,677
Keil, Ted J.	DuBois.	Washington.	30	Illinois.	Sept. 11	2,692
Knight, Thomas B.	Edwards.	Peoria.	49	Texas.	Sept. 11	2,690
Knoll, Alfred P.	Mineok.	Woodford.	56	Pennsylvania.	Dec. 17	2,102
Mitchell, Thomas.	DuQuoin.	Perry.	58	England.	Dec. 17	2,100
Moore, Joseph J.	Chicago.	Cook.	39	Kansas.	Dec. 17	2,104
Moore, William.	Benton.	Franklin.	26	Illinois.	Sept. 11	2,683
Orme, John.	Springfield.	Sangamon.	34	England.	May 21	2,683
Pollock, B. Lowery.	West Frankfort.	Franklin.	29	Illinois.	Sept. 11	2,689
Searee, John, Jr.	Danville.	Vermilion.	35	Illinois.	May 21	2,682
Siddens, Callie.	Penton.	Franklin.	27	Illinois.	Dec. 17	2,695
Vukelic, John.	Mt. Olive.	Macoupin.	29	Illinois.	May 21	2,676
White, Charles H.	Harrisburg.	Saline.	51	Illinois.	Sept. 11	2,686
White, Jesse L.	Eldorado.	Saline.	28	Illinois.	Dec. 17	2,696
Witten, W. E.	Harrisburg.	Saline.	31	Kentucky.	Sept. 11	2,688
Youngber, Julius.	DuQuoin.	Perry.	37	Illinois.	Dec. 17	2,101

PERMITS GRANTED TO OPERATE SECOND MOTION ENGINES.

Name.	Post office.	County.	Age.	Birthplace.	Date of permit.	Number of permit.
Allen, Ellsworth.	Streator.	LaSalle.	44	Illinois.	Feb. 14	322
Balster, William E.	Bethalto.	Madison.	46	Illinois.	Apr. 28	334
Barnett, Homer.	DeSoto.	Jackson.	31	Illinois.	Feb. 19	324
Bennett, John.	Equality.	Gallatin.	23	Illinois.	July 10	343
Beyer, Lawrence L.	Kewanee.	Henry.	26	Illinois.	June 14	342
Biava, Joe.	Westville.	Vermilion.	50	Italy.	Apr. 11	332
Bremming, Henry.	Sparta.	Randolph.	40	Illinois.	Feb. 19	325
Brockschmidt, Adolph.	Venedy.	Washington.	47	Illinois.	Feb. 6	319
Brons, Joe.	Norris.	Fulton.	46	Illinois.	Dec. 18	363
Brown, Earl E.	Bellmont.	Wabash.	30	Illinois.	Oct. 23	356
Brown, Thomas M.	DeSoto.	Jackson.	28	Illinois.	Feb. 8	320
Carr, Eldon.	Ray.	Schuyler.	22	Illinois.	Jan. 30	317
Challans, R. E.	Chesterfield.	Macoupin.	24	Illinois.	Sept. 5	348
Cron, George.	Streator.	LaSalle.	49	Illinois.	May 9	338
Daniels, Ross.	Sumnum.	Fulton.	24	Illinois.	Jan. 29	315
Ellenberg, Harlan.	Cutler.	Perry.	21	West Virginia.	Jan. 2	309
Fairleigh, August.	Sparta.	Randolph.	40	Missouri.	Oct. 31	359
Ferry, Guy.	Rock Island.	Rock Island.	22	Illinois.	May 26	340
George, Henry.	Danville.	Vermilion.	60	Indiana.	Jan. 15	313
Guenther, Erwin.	Baldwin.	Randolph.	26	Illinois.	Oct. 24	357
Gunn, Allen.	Tallula.	Menard.	24	Illinois.	Aug. 8	347
Hausman, Henry.	Brighton.	Macoupin.	22	Kansas.	Sept. 14	351
Higerson, Clifford.	Cutler.	Perry.	33	Illinois.	Sept. 10	350
Hunt, Roy.	Pleasant Plains.	Sangamon.	41	Illinois.	Dec. 18	364
Huston, Orville.	Winchester.	Scott.	22	Illinois.	Mar. 12	328
Jenkins, Edward E.	Keensburg.	Wabash.	23	Indiana.	July 17	344
Josta, Lewis.	Norris.	Fulton.	42	Italy.	Sept. 18	352
Kinnah, Harold.	Princeville.	Peoria.	23	Illinois.	May 5	336
Klesath, J. H.	Rutland.	LaSalle.	53	Illinois.	Apr. 7	330
Lacey, Henry E.	Danville.	Vermilion.	49	Illinois.	Jan. 15	312
Laws, Thomas R.	DuQuoin.	Perry.	34	Illinois.	Sept. 27	353
Legg, W. C.	Bellmont.	Wabash.	38	Illinois.	May 7	337
Lill, Edmund.	Belleville.	St. Clair.	55	Illinois.	Feb. 9	321
Lingenfelter, Bruce.	Canton.	Fulton.	28	Illinois.	Jan. 22	314
Little, Dooley.	Carbondale.	Jackson.	25	Illinois.	Sept. 27	354
Macklin, Clarence.	Canton.	Fulton.	48	Iowa.	Apr. 9	331
Othen, Fred W.	Tallula.	Menard.	37	Illinois.	Feb. 5	318
Petrella, Lon A.	Springfield.	Sangamon.	32	Italy.	Apr. 23	333
Power, Lee.	Petersburg.	Menard.	40	Illinois.	Feb. 20	326
Presswood, Cullin.	Tamaroa.	Perry.	27	Illinois.	Dec. 14	362
Rachke, Nicholas.	Princeville.	Peoria.	44	Austria.	May 5	335
Rhodes, Herb.	Edinburg.	Christian.	38	Illinois.	Apr. 5	329
Rhodes, Ira E.	Petersburg.	Menard.	44	Illinois.	Nov. 28	361
Roberts, William.	Tamaroa.	Perry.	29	Indiana.	Aug. 7	346
Rushford, Andrew, Jr.	Pekin.	Tazewell.	37	Iowa.	Oct. 30	358
Seloti, Joe.	Pontiac.	Livingston.	33	Illinois.	Jan. 3	311
Sexton, Edgar.	Canton.	Fulton.	42	Illinois.	Nov. 19	360
Sheckler, George.	Ellisville.	Fulton.	27	Illinois.	Oct. 17	355
Stell, Win.	Canton.	Fulton.	54	Illinois.	Jan. 29	316
Trout, Earl.	Marion.	Williamson.	27	Illinois.	Sept. 6	349
Waldmann, Edwin E.	Dubois.	Washington.	32	Illinois.	May 21	339
White, Harry.	Petersburg.	Menard.	61	Illinois.	Aug. 7	345
Wilson, W. S.	Sparta.	Randolph.	49	Illinois.	Feb. 14	323
Woodard, Bart.	Fithian.	Vermilion.	49	Illinois.	Feb. 28	327
Yuhus, George.	Streator.	LaSalle.	39	Austria.	Jan. 2	310

